



Wiring Diagrams

**for Mobile, RV and
AUX GenSets**

To be used *ONLY* by

**Distributor
Service Organization**

or

Distributor/Dealer

WIRING DIAGRAMS FOR MOBILE ELECTRIC GENERATING SETS

All the wiring diagrams in this manual apply to Onan electric generator sets used in RV, AUX, or other special Mobile applications. When using the diagrams, remember that all components are shown in their de-energized position unless otherwise noted. Find the model in question in the left hand column (which matches the generator set nameplate), then look to the right for the applicable wiring diagram number and the page where it is located. For detailed service information, refer to the Master Service Manual for the respective unit, the RV Training Manual (932-0402) and the Controls Training Manual (932-0406).

MODEL NUMBER AND SPEC LETTER	WIRING DIAGRAM	SEE PAGE
2.5AJ-1E/6000K	605-0110	8
2.5AJ-1E/12006K,M	605-0110	8
2.7AJ-1R/12020K,M,N	611-1106	52
2.7AJ-1R/16010N	611-1106	52
2.7AJ-1R/16016N	611-1106	52
3.0AJ-1R/16017P,R	611-1140	61
3.0AJ-1R/16017S	611-1148	66
3.0AJ-1R/16018D,R,S	611-1148	66
2.5LK-1E/6000K,12006K,13036K,13036M	605-0110	8
2.5LK-1E/6820K,10819K	605-0083	5
2.5LK-1E/10898K	605-0107	6
205LK-1RV6000/1E,1F,1G,7060F,7193F,7740G	610-0266	12
205LK-1RV6000/1H	610-0313	14
205LK-1RV6000/7641G	610-0310	13
205LK-1RV6000/7641H	610-0320	17
2.5LK-1,2,3R/1C	610-0266	12
2.5LK-1R/6000H,6000J,8098G,8486J,8781H,8782H,9525J, 9903H,9903J,10298H,10497H,10545L, 10545J,10689J,10801J,10850J,11215J, 11426J,12000J,12006J,12820J,13646J, 14185J,14185L	610-0315	16
2.5LK-1R/10935J	605-0108	7
2.5LK-3CR/10801J	610-0338	18
2.5LK-3CR/10850J	610-0314	15
2.5LK-3CR/12000M,1L	610-0350	19
4.0BF-1R/9000A,14122A	611-1094	51
4.0BF-1R/9000B,9000C	611-1109	53
4.0BF-1R/9500A	611-1094	51
4.0BF-1R/15203B,15203C	611-1121	54
4.0BF-3CR/16000A,16002A	611-1123	55
4.0BF-3CR/16000B,16002B,16004B	611-1127	56
4.0BF-8R/16000B,17389B,20793B	611-1127	56
4.0BFA-1R/16000A,16004A	611-1135	59
4.0BFA-1R/16004B,16004C,16004D,16012C,17389C	611-1146	64
4.0BFA-1R/16015B,16015C,16020B,16020C	611-1147	65
4.0BFA-1R/16019A,16020A	611-1138	60
4.0BFA-3CR/15000C,20275A,20275C,22353C,22593C, 25206C,25505C,26651C,27014C, 27318C,27919C,26805C	611-1142	63
4.0BFA-5DR/22540C,22541C	606-0205	9

MODEL NUMBER AND SPEC LETTER	WIRING DIAGRAM	SEE PAGE
RV Gasoline (Continued)		
4.0BGE-1R/26100A,26100B,26100C,26101A,26101B,26101C, 26102A,26109A,26109B,26109C,28202C	611-1174	76
4.0BGEL-1R/26110A,26110B,26111A,26111B,26112A	611-1174	76
5.0BGA-3CR/16000A	611-1135	59
5.0BGA-3CR/16019A,16020A	611-1138	60
5.0BGA-3CR/16004B,16004C	611-1146	64
5.0BGA-3CR/16015B,16015C,16020B,16020C	611-1147	65
4.0BGD-FB/1932A,7512A,30503A,30504A	611-1182	79
4.0BGE-1R/26100D,26100E,26101D,26101E,26109E	611-1174	76
4.0BGE-1R/26100F,26101F,26109F	611-1180	78
4.7BGE-1R/26100A,26101A	611-1174	76
4.0BGE-3CR/28202C,28202E,30981E	611-1176	77
4.0BGEL-1R/26110D,26111B,26111D	611-1174	76
5.0BGM-FA/26105A	611-1186	81
4.0CCK-**R/1J	611-0236	23
4.0CCK-1R/1J through 23J,1681J,6000J,7723J,8010J,8782J	611-0914	30
4.0CCK-1R/6000N,6000P,8643P,9290N,9525N,9525P,9625N 10108N,10108P,10298P,11411P,11497P	611-1035	36
4.0CCK-1R/8216J,8444J,9633P,9638N	611-1002	35
4.0CCK-1R/8793J,9470P,9620N,9840N,10476N,10476P, 11191P,11586P,11673P,11852P	611-1036	37
4.0CCK-1R/8815J	611-1039	39
4.0CCK-1R/9403J,10156J,10729J	611-1049	41
4.0CCK-1R/9381N	611-1054	44
4.0CCK-3R/6000J	611-0839	27
4.0CCK-3R/6000P,9381N,9381P	611-1067	46
4.0CCK-3CR/6000J	611-0975	34
4.0CCK-3CR/6000P,9525P	611-1035	36
4.0CCK-3CR/6000R,9525R,11693R,11721R,12000R,12019R, 12273R,12276R,13290R,14608R,16557R	611-1086	50
4.0CCK-3CR/17389U	611-1127	56
4.0CCK-3CR/15000U,16000U,16004U,20887U,21378U, 22650U,23659U,24044U	611-1142	63
5.0CCK-1R/1A	611-0176	22
5.0CCK-2R/1A	611-0176	22
5.0CCK-1RV6000/1J,5360J,6000J,7036J,7036P,1681J,12J	611-0914	30
5.0CCK-1RV6000/13J	611-0957	32
5.0CCK-1R/8216J,8444J,9469J,9633N	611-1002	35
5.0CCK-1R/6000N,6000P,8643P,8686P,8779J,9290N,9525N, 9525P,9625N,9641N,9701N,10108P, 10476N,10476P,10883P,11040P,11479P	611-1035	36
5.0CCK-1R/8815J	611-1039	39
5.0CCK-1R/9403J	611-1049	41
5.0CCK-1R/9470N,9470P,9620N,11191P,11852P,12015P	611-1036	37
5.0CCK-3RV/4262J,4262F,5662J	611-0676	24
5.0CCK-3RV/5121J	611-0786	25
5.0CCK-3RV/5222J	611-0801	26
5.0CCK-3RV/5605J	611-0164	21
5.0CCK-3RV/5262J	611-0871	28
5.0CCK-3CRV6000/1J,5360J	611-0839	27
5.0CCK-3CRV6000/12J	611-0975	34
5.0CCK-3RV6000/13J	611-0963	33
5.0CCK-3RV6206J,7823J	611-0902	29

MODEL NUMBER AND SPEC LETTER

RV Gasoline (Continued)

WIRING DIAGRAM

SEE PAGE

5.0CCK-3CR/6000R,10108R,11979R,12000R,12019R,12233R, 12276R,13040R,14618R,14780R,16437R, 16557R,16778R	611-1086	50
5.0CCK-3CR/9329J,9494N	611-1047	40
5.0CCK-3CR/9403J	611-1061	45
5.0CCK-3CR/9433J,9433N	611-1050	42
5.0CCK-3CR/8793J,9525N,9620N	611-1036	37
5.0CCK-3CR/1U,2U,3U,15000U,20508U,21378U,23034U	611-1142	63
5.0CCK-4R/18089U,16000U,17386U,17789U	611-1127	56
5.0CCK-4R/23969U	611-1142	63
5.0CCK-5DR/12018R,12233R	611-1086	50
5.0CCK-5DR/17233U	611-1127	56
6.0CCKB-3R/6000B,7821B,8327B	611-0955	31
6.0CCKB-3R/6000C,6000D,7821C,7821D,8327C,8779B,9525C, 9525D,9525E,10339C,11544D,12000D, 12000E	611-1037	38
7.5DKD-FJ/27798C,27799C	AC 612-6184	82
7.5DKD-FJ/27798C,27799C	DC 612-6353	83
8.0DKD-3CR/29686B	AC 612-6442	85
8.0DKD-3CR/29686B	DC 612-6441	84
8.0DKD-FJ/29686C,32448C	AC 612-6442	85
8.0DKD-FJ/29686C,32448C	DC 612-6441	84
15.0DL3-J/30437A,30438A	AC 612-6460	86
15.0DL3-J/30437A,30438A	DC 612-6442	85
2.2KV-FA/26100A	610-0375	20
2.8KV-FA/26100A	610-0375	20
6.0NH-1R/9000A,9500A	611-1094	51
6.0NH-1R/9000E,9000G,9000H	611-1109	53
6.5NH-3CE/10000D,21880L	606-0215	11
6.5NH-3CE/16375D,16777D	606-0209	10
6.5NH-3CR/6000A,10005A	611-1052	43
6.5NH-3CR/6000B,6000C,8686C,10005C,10182C,10621C, 11590C,11632C,11845C	611-1079	48
6.5NH-3CR/10250A	611-1076	47
6.5NH-3CR/10760C	611-1080	49
6.5NH-3CR/1D,9D,12D,13D,14D,6000D,12000D,12230D, 12894D,15336D	611-1086	50
6.5NH-3CR/15000D,15000L,18768L,19701L,23033L, 23034L,25051P	611-1142	63
6.5NH-3CR/16000J,16002J,16004J,17789J,18629J	611-1127	56
6.5NH-3CR/16000A,16000K,16004K	611-1135	36
6.5NH-3CR/16004M,16004N,16004P,16013P,26785P	611-1146	64
6.5NH-3CR/16019K,16020K,20909K	611-1138	60
6.5NH-3CR/16020M,16020N,16020P	611-1147	65
6.5NH-3CR/17198D,18105D,18106D	611-1134	58
6.3NHEL-1R/26110D,26111D	611-1174	76
6.5NHEL-1R/26110C,26111C	611-1174	76
6.5NHE-1R/26100C	611-1174	76
6.5NHE-1R/26100D,26100E,26101D	611-1180	78
6.5NHE-FA/26101E	611-1180	78
6.5NHE-3CR/30982C,30983C	611-1176	77

MODEL NUMBER AND SPEC LETTER**WIRING DIAGRAM****SEE PAGE****RV Gasoline (Continued)**

6.3NHL-3CR/16013P	611-1167	73
6.3NHL-3CR/16014P	611-1169	74
6.3NHEL-1R/26110A,26111A	611-1174	76
6.5NHE-1R/26100A,26101A	611-1174	76

AUX Sets

4.0BFA-1R/23000C,23001C,23003C,23004C	611-1160	69
6.5NH-3CR/23000P,23001P,23002P,23003P,23004P	611-1160	69
3.0RDJA-1R/23001U	611-1163	70
4.0DKC-3CR/23006B ¹ ,23007B ²	AC 612-6184	82
7.5DKD-3R/23008B,23009B	AC 612-6184	82
7.5DKD-3R/23008B,23009B	DC 612-6353	83
7.5DKD-3CR/23006B ¹ ,23007B ²	DC 612-6353	83
7.5DKD-5DR/23006B	AC 612-6184	82
7.5DKD-5DR/23006B	DC 612-6353	83
7.5DKD-FB/23006C,23007C,23008C,23009C	AC 612-6184	82
7.5DKD-FB/23006C,23007C,23008C,23009C	DC 612-6353	83

Diesel RV Sets

7.5DKD-3CR/27798A ¹ ,27798B ²	AC 612-6184	82
7.5DKD-3CR/27799A ¹ ,27799B ²	DC 612-6353	83
7.5DKD-FJ/27798C,27799C	AC 612-6184	82
7.5DKD-FJ/27798C,27799C	DC 612-6353	83
8.0DKD-3CR/29686B	AC 612-6442	85
8.0DKD-3CR/29686B	DC 612-6441	84
8.0DKD-FJ/29686C,32448C	AC 612-6442	85
8.0DKD-FJ/29686C,32448C	DC 612-6441	84
15.0DL3-J/30437A,30438A	AC 612-6442	85
15.0DL3-J/30437A,30438A	DC 612-6460	86
12.0RDJC-3R/21680AC	612-5787	71

Mobile and Commercial Units

4.0BFA-5DR/29309D (Time Manufacturing)	611-1142	63
4.5BGD-FB/1A,30502A	611-1182	79
4.5BGD-FD/1A,30502A	611-1184	80
6.5NH-5DR/26725P (Gen Cable)	611-1170	75
6.3NHD-FB/1932A,1932B,7512A,7512B,30503A,30503B, 30504A,30504B	611-1182	79
6.5NHD-FB/1A,1B,30502A,30502B	611-1182	79
6.5NHD-FD/1A,1B,30502A,30502B	611-1184	80

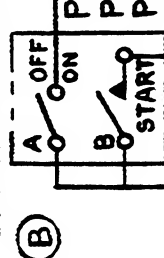
**REPLACEMENT CONTROLS FOR 300-0859 PRINTED CIRCUIT BOARD
KIT NUMBER**

300-1598 CCK,NH with Onan Choke (RV)	611-1141	62
300-1599 CCK,NH with Sisson Choke (RV)	611-1141	62
300-2026 CCK,NH with Onan Choke & Start-Disconnect for RV	611-1157	68
300-2027 CCK,NH with Sisson Choke & Start-Disconnect for RV	611-1157	68
300-1884 Standard CCK,NH with Onan Choke	611-1152	67
300-1885 Standard CCK,NH with Thermo-Magnetic Choke	611-1152	67

¹=STD FAN ROTATION²=REV FAN ROTATION

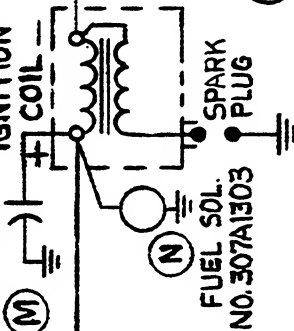
605A83

IGNITION & START
SWITCH NO. 308A140 *



POS. 1 A & B OFF
POS. 2 A ON, B OFF
POS. 3 A ON, B ON MOM.

SUPPRESSION
CAPACITOR



FUEL SOL.
NO. 307A1303

(F)

* COMPONENTS
FURNISHED AS PART
OF 191C709

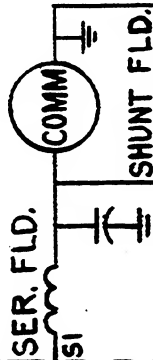
START
SOLENOID *

NO. 307B1031

* RECTIFIER, 25A.
NO. 305A235

* RESISTOR, 25W.
NO. 353A28

GENERATOR



SER. FLD.

COMM

SHUNT FLD.

AC

M1

M2

NOTE: AC LEAD UNGROUNDED
IN GENERATOR

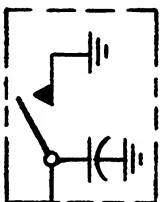
(J)

(L)

(A)

-01 120 V., 1 PH.,
2 W., 50/60 CY.

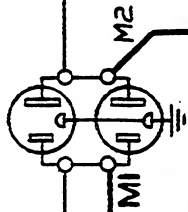
BREAKER &
CAPACITOR ASSY



RECEPTACLE BOX NO. 330A68
COVER - RECP BOX NO. 330-16

(2) CAP ASSY
NO. 312A180

RECP - DUPLEX
NO 323P107



REAR
VIEW

G	WAS 307B367	GT	7-10-68
F	WAS "FURNISHED BY CUSTOMER"	GT	5-15-68
E	WAS 330A66 # 330-42	GT	5-15-68
E	RECP BOX WAS 330A67	GT	3-8-68
A	WAS 105AJ-1EV/6820K	GT	2-23-68
D	ADDED RECP BOX & PARTS	GT	2-13-68
C	ADDED RES. & RECT.	GT	12-5-67
B	REV. IGNITION & START SW.	GT	12-5-67
A	WAS 205AJ-1EV/6541K	GT	12-5-67
LET.		ENG/CKR	DATE

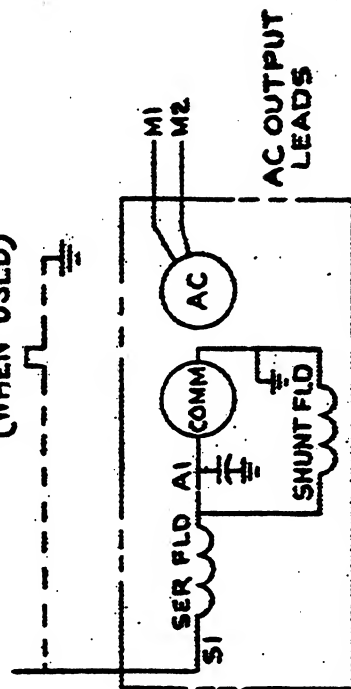
Ongn

DIVISION OF STUDEBAKER INDUSTRIES, INC.
Minneapolis, Minnesota

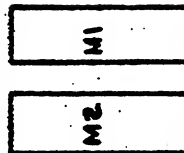
DATE	10-24-67	DR.	CDR	ENGR.	G.F.T.	WJB	SC.
NAME	WIRING DIAGRAM ENG. - GEN. CONTROL						
MODEL	205AJ-1EV/6820K	DWG. NO.	605A83				

605A108

ELECTRIC CHOKE
(WHEN USED)



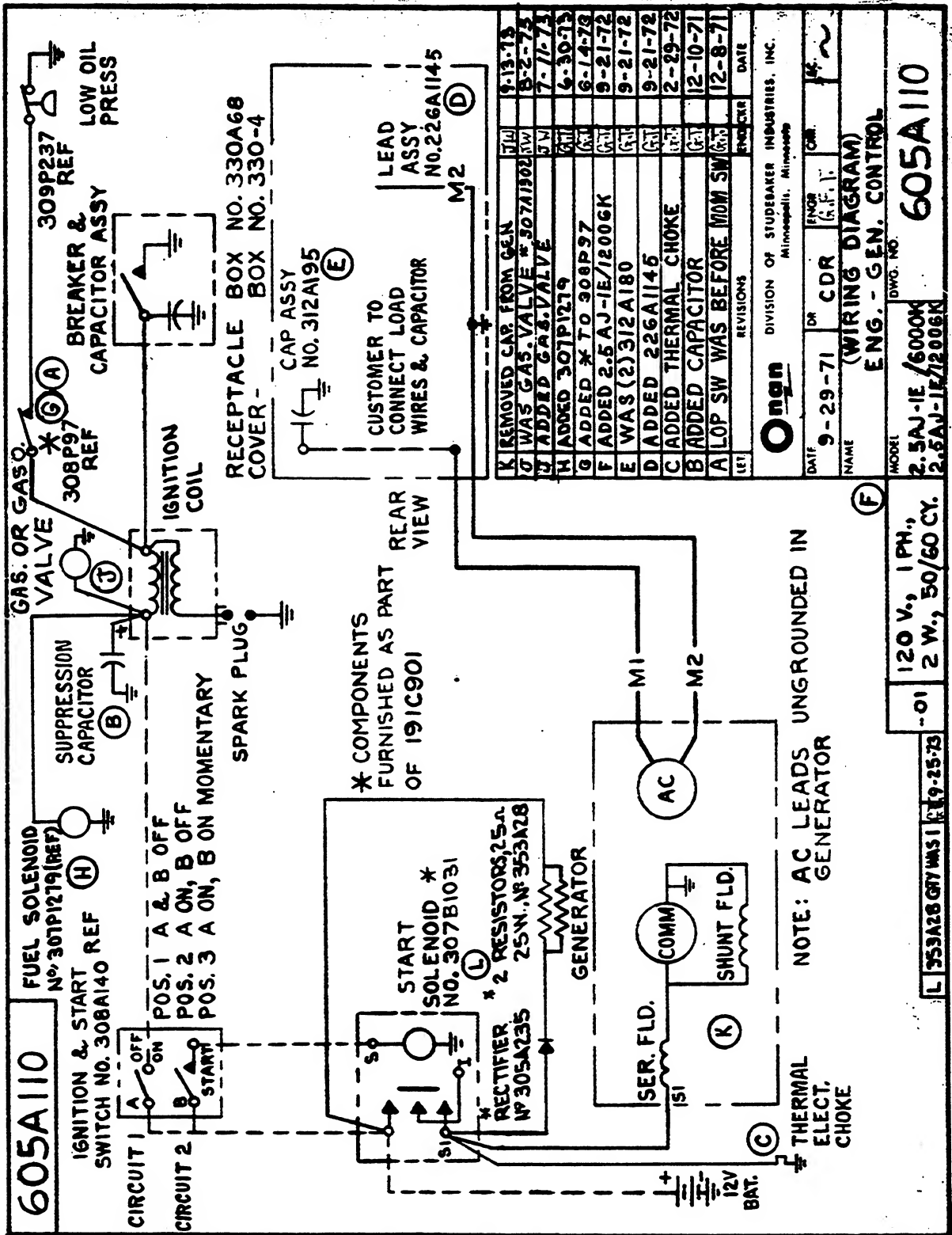
AC SLIP RINGS



COMM END ← → BEARING END

M2 GROUNDED AC LEAD, M1
HAS 0.1 MFD CAPACITOR TO GROUND

LET	REVISIONS	ENG	CHK	DATE
DIVISION OF STUDEBAKER INDUSTRIES, INC.				
Minneapolis, Minnesota				
DATE	6-16-71	DR	CDR	SC
NAME		ENGINE GEN SET		
(WIRING DIAGRAM)				
MODEL	2.5LK-1R/10935J			
DWG. NO.	605A108			



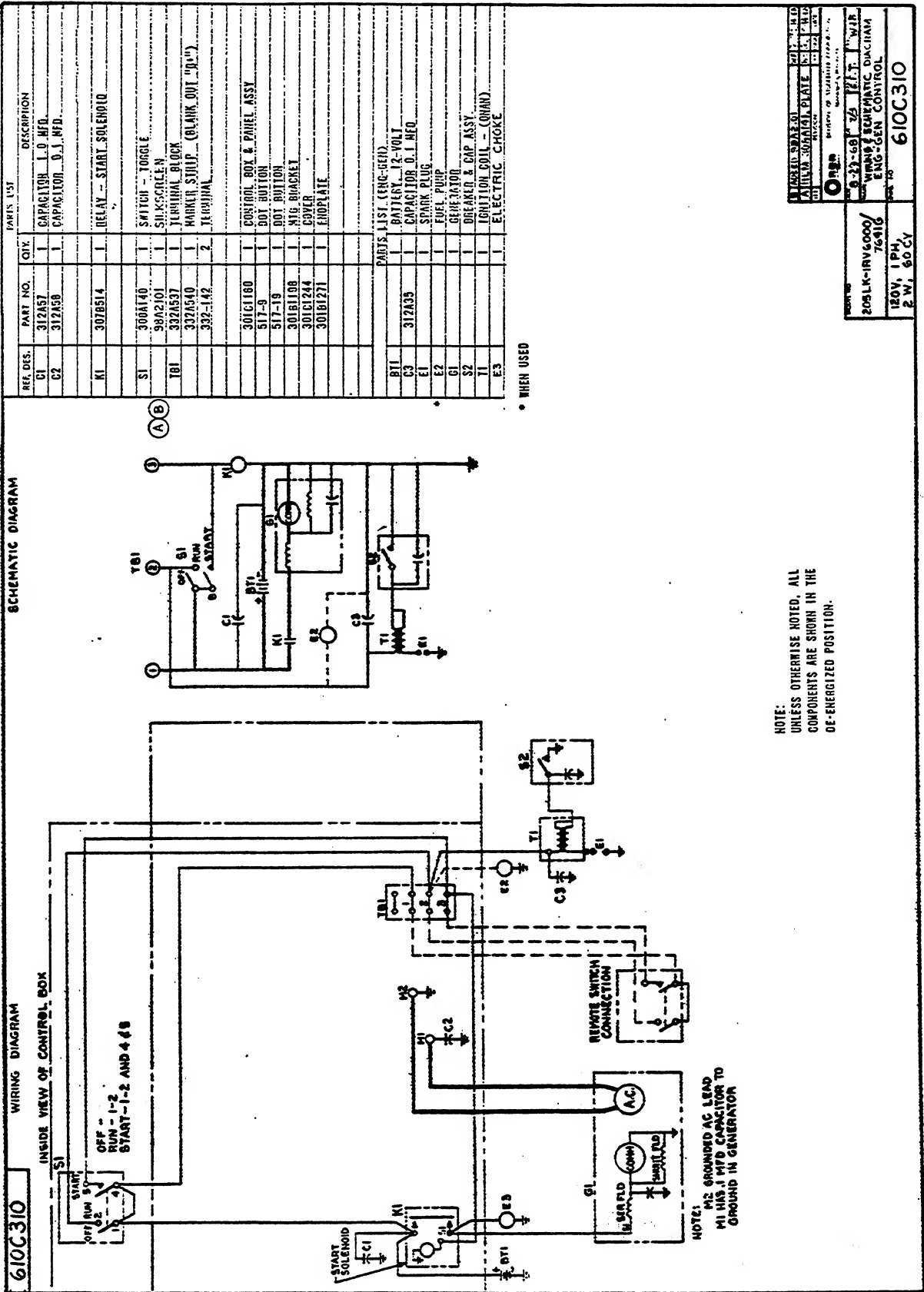


HUNTSVILLE						
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NOTE: M2 LEAD IS INTERNALLY GROUNDED IN GENERATOR

121219	ER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10</
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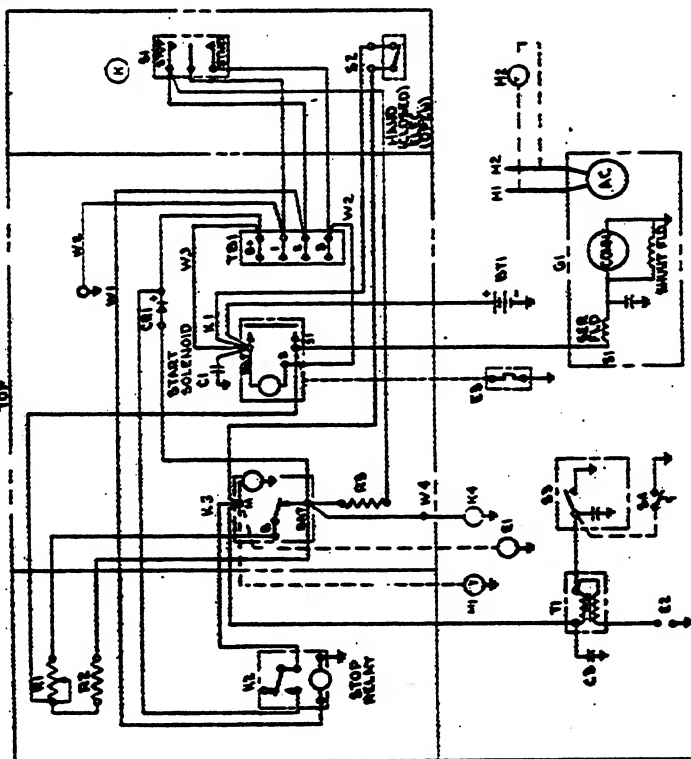
NOTE:
UNLESS OTHERWISE NOTED, ALL
COMPONENTS ARE SHOWN IN THE
DE-ENERGIZED POSITION.

NOTE:
K2 GROUNDING AC LEAD
K1 HAS 1 MFD CAPACITOR TO
GROUND IN GENERATOR

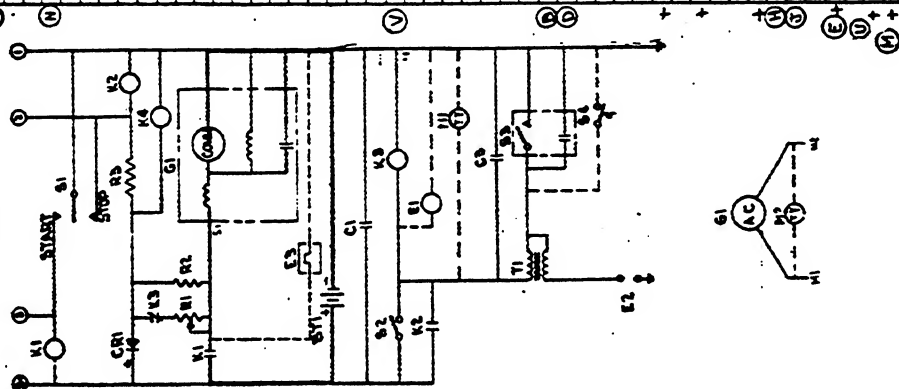
610C310	
205LK-1RV6000/ 76410	120V, 1 PH, 2 W, 60 CY
610C310	

610C313

WIRING DIAGRAM
INSIDE VIEW OF BOX



SCHEMATIC



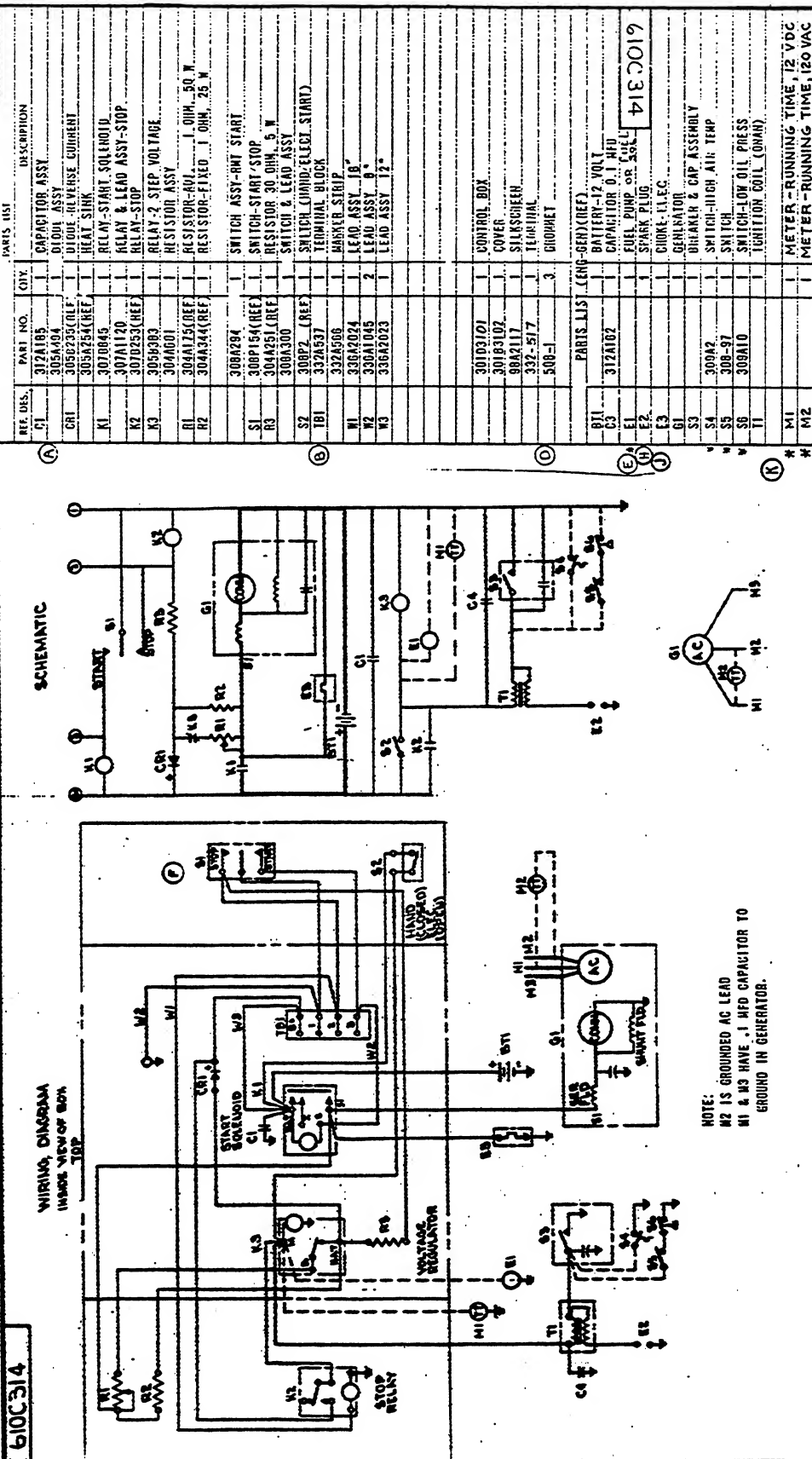
NOTE:
W2 IS GROUNDED AC LEAD
W1 HAS A .1 MFD CAPACITOR TO
GROUND IN GENERATOR.

REF. DES.	PART. NO.	QTY.	DESCRIPTION
C1	312A1B5	1	CAPACITOR ASSY
	305A494	1	DIODE ASSY
CRI	305B235 (REF)	1	DIODE-REVERSE CURRENT
	305A25C (REF)	1	HEAT SHIM
K1	307B.046	1	RELAY-START SOL-HOLD
K2	307B253 (REF)	1	RELAY & LEAD ASSY-SIDP.
K3	305B-083	1	RELAY-2 STEP VOLTAGE
	304A681	1	RESISTOR ASSY
R1	304A125 (REF)	1	RESISTOR ADJ. 1 OHM 50 W
R2	304A344 (REF)	1	RESISTOR-FIELD 1 OHM 25 W
	323A223	1	SWITCH 25V BUT. 51-201
S1	308P194 (REF)	1	SWITCH-START-STOP
S3	33A2751 (REF)	1	RES-STOP 30 OHM 5 W
	326A300	1	SWITCH & LEAD ASSY
S2	308P22 (REF)	1	SWITCH (HAND-ELECT START)
T01	332A537	1	TERMINAL BLOCK
	332A566	1	MARKER STRIP
W1	336A2024	1	LEAD ASSY 10
W2	336A1045	2	LEAD ASSY 0
W3	336A2033	1	LEAD ASSY 12
W4	336A1590	1	LEAD ASSY 22
	30103101	1	CONTROL BOX
	30103102	1	COVER
	98A2117	1	SILKSCREEN
	332-517	1	TERMINAL
	508-1	3	GROUND
	PARIS ALIS (ENG-GEN)(REF)		
B11		1	BATTERY-12 VOLT
C3	312A162 (REF)	1	CAPACITOR 0.1 MFD
F2		1	FUEL PUMP
E3		1	SPARK PLUG
E1		1	CHOKE-ELECT.
G1		1	GENERATOR
G3		1	GRANNER & GMP ASSEMBLY
S4	308A2 (REF)	1	SWITCH-HIGH AIR TEMP
		3	
T1		1	IGNITION COIL (OHM)
K4	307P31 (REF)	1	SOLENOID-FUEL (GAS)
M1	307P21 (REF)	1	SOLENOID-FUEL (GASOLINE)
M2		1	METER-RUNNING TIME, 12 VDC
		1	METER-RUNNING TIME, AC

USE WHEN USED

NOTE:
UNLESS OTHERWISE NOTED ALL
COMPONENTS ARE SHOWN IN THE
DE-ENERGIZED POSITION

[illegible]

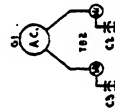
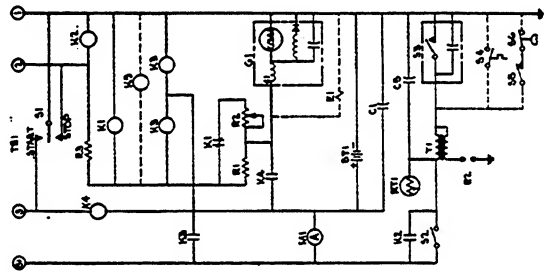
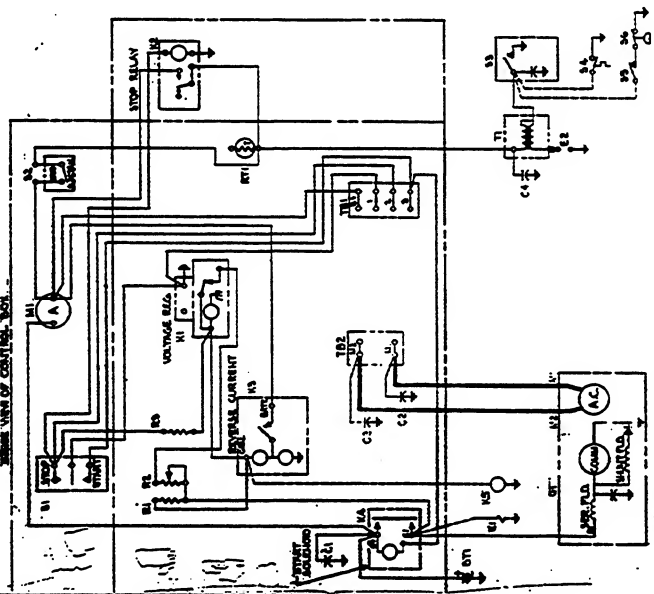


• WHEN USED

ITEM	QTY	DESCRIPTION	REF. DES.
1	1	WIRING DIAGRAM	610C314
2	1	WIRING DIAGRAM	610C314
3	1	WIRING DIAGRAM	610C314
4	1	WIRING DIAGRAM	610C314
5	1	WIRING DIAGRAM	610C314
6	1	WIRING DIAGRAM	610C314
7	1	WIRING DIAGRAM	610C314
8	1	WIRING DIAGRAM	610C314
9	1	WIRING DIAGRAM	610C314
10	1	WIRING DIAGRAM	610C314
11	1	WIRING DIAGRAM	610C314
12	1	WIRING DIAGRAM	610C314
13	1	WIRING DIAGRAM	610C314
14	1	WIRING DIAGRAM	610C314
15	1	WIRING DIAGRAM	610C314
16	1	WIRING DIAGRAM	610C314
17	1	WIRING DIAGRAM	610C314
18	1	WIRING DIAGRAM	610C314
19	1	WIRING DIAGRAM	610C314
20	1	WIRING DIAGRAM	610C314

NOTE:
UNLESS OTHERWISE NOTED, ALL
COMPONENTS ARE SHOWN IN THE
DE-ENERGIZED POSITION.

NOA - POLYMER OF MATH. RESIST.



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
C1	312A57	1	Capacitor, 1.0 MFD.
C2, 3	312A58	2	Capacitor, 0.1 MFD.
K1	305A1	1	Relay, 2-Step Voltage Reg.
K2	307B253	1	Relay, Stop
K3	307B180	1	Relay, Reverse Current
K4	307B1046	1	Relay, Start Solenoid
M1	302A58	1	Ammeter, Charge 10-0-10
R1	304A344	1	Resistor, 1-Ohm, 25 Watt
R2	304A175	1	Resistor, 1-Ohm, 50 Watt, Adj.
R3	304A251	1	Resistor, 30-Ohm, 5 Watt
RT1	304A60	1	Resistor, Hytremco 1.72-Ohm, 25 Watt
S1	308P154	1	Switch, Stop/Start
S2	308P2	1	Switch, Hand, Electric, Start
TB1	332A537	1	Terminal Block
	332A539	1	Marker Strip
TB2	332A231	1	Terminal Block
	301C1160	1	Control Box & Panel Assy.
	301B1198	1	Mounting Bracket
	301C1244	1	Cover
	301B1271	1	Endplate
BT1		1	Battery, 12-Volt
C4	312A35	1	Capacitor 0.1 MFD.
	312A162	1	Capacitor 0.1 MFD. (Spec J Models)
E1		1	Electric Choke
E2		1	Spark Plug
C1		1	Generator
K5	307P312	1	Fuel Solenoid
S3		1	Breaker & Cap Assembly
S4	309A2	1	Switch, High Air Temp.
S5	308-97	1	Switch
S6	309A10	1	Switch, Low Oil Pressure
T1		1	Ignition Coil (ONAN)

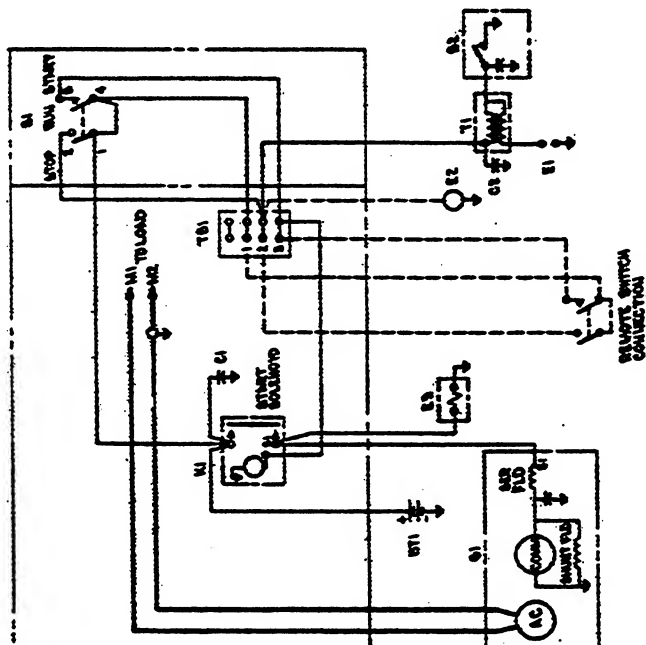
*** - When Used.**

[illegible]

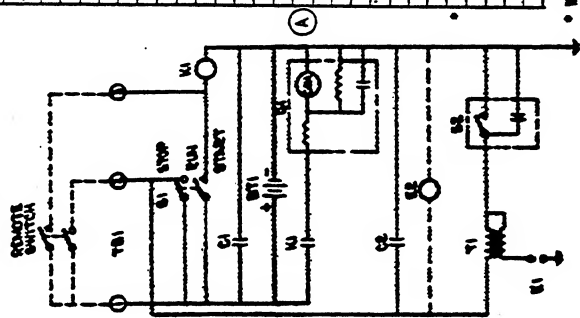
610C320

WIRING DIAGRAM

INSIDE VIEW OF BOX



SCHEMATIC



REF. DES.	PART NO.	QTY.	DESCRIPTION
C1	312A57	1	CAPACITOR - 1.0 MFD
K1	307B514	1	RELAY - START SOLENOID
S1	308A140	1	SWITCH - START-RUN-STOP
T1	332A537	1	TERMINAL BLOCK
	332A540	1	MARKER STRIP (BLANK OUT B)
	332-142	1	TERMINAL
	301C3101	1	CONTROL BOX
	301B3102	1	COVER
	332-517	1	TERMINAL
	517-19	1	DOT OUTION
	508-1	3	GROMMET
END-GEN PARTS LIST (REF)			
BT1		1	BATTERY 12 VOLT
C2		1	CAPACITOR 0.1 MFD
E1		1	SPARK PLUG
E2		1	FUEL PUMP
E3		1	ELEC CHOKE
G1		1	GENERATOR
S2		1	BREAKER & CAP. ASSY
T1		1	IGNITION COIL

• WHEN USED

NOTES:
W2 IS GROUNDED AC LEAD
W1 HAS .1 MFD CAPACITOR TO GROUND IN GEN

ATTENTION: 283-10V-1

DATE: 1-18-50

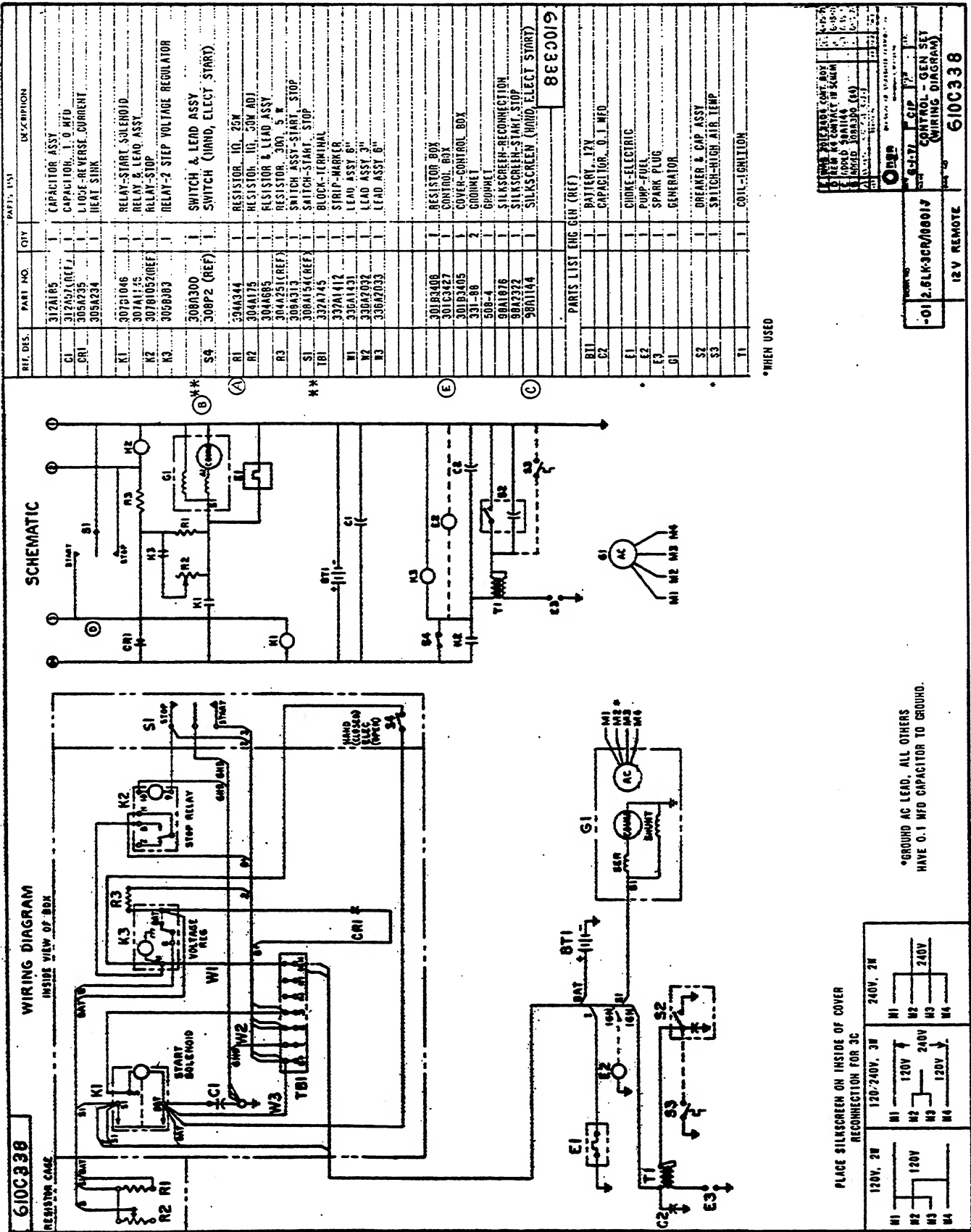
BY: J. H. J.

REVISION: 1

CONTROL: 610C320

610C320

NOTE: UNLESS OTHERWISE NOTED, ALL COMPONENTS ARE SHOWN IN THE DE-ENERGIZED POSITION.

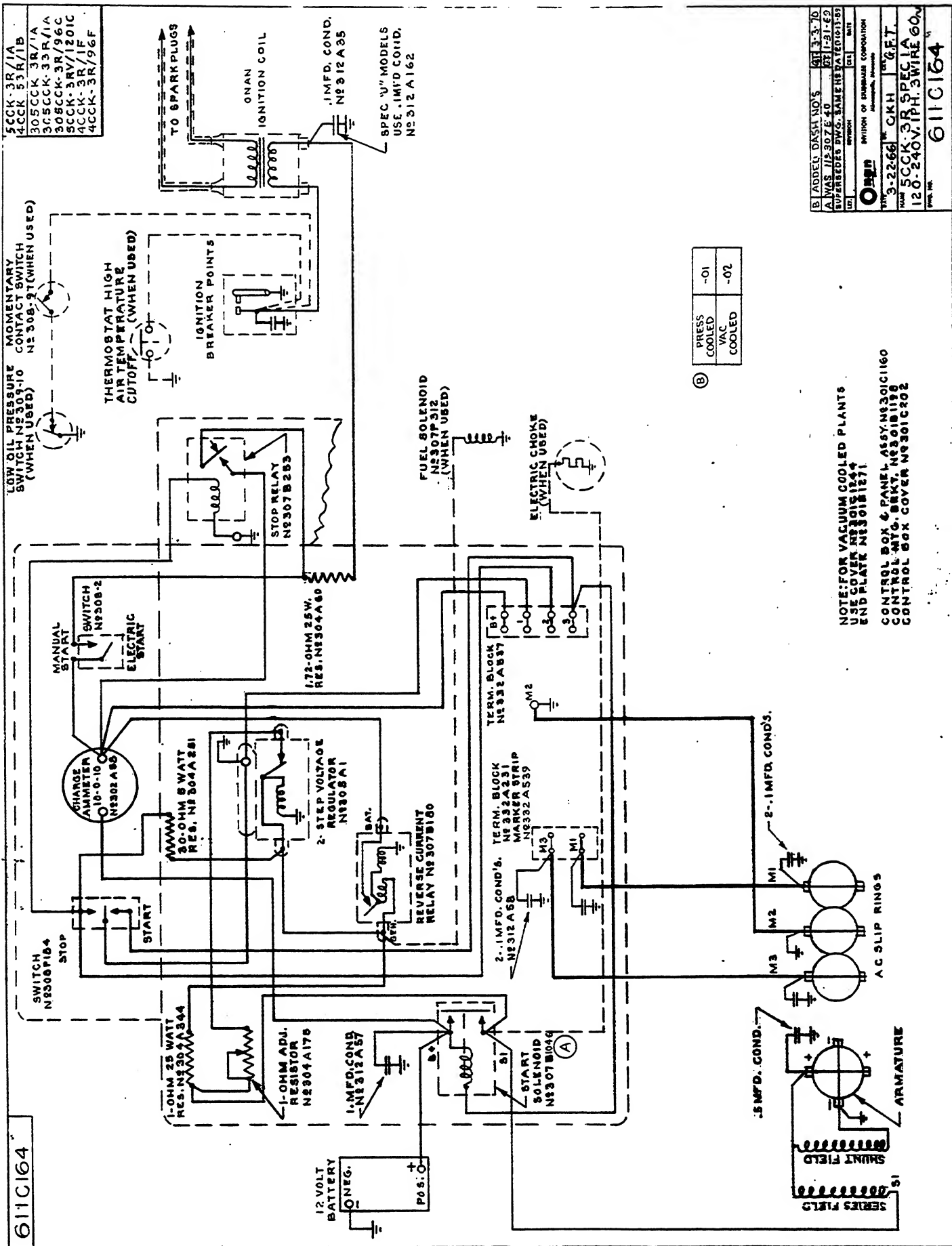


[illegible]

1	ARI WAS 304-0143	W/19-75	W/19-75
2	SLIPD PWG SAME NO.		
3	DATED 1-7-75 W/CHNG		
4	INDEX	12-23-75	12-23-75
5	Origin	12-23-75	12-23-75
6	British of Oman (Longation)	12-23-75	12-23-75
7	CONTROL-GEN SET	12-23-75	12-23-75
8	(WIRING DIAGRAM)	12-23-75	12-23-75
9	SEPA FROM	12-23-75	12-23-75
10	611-11	12-23-75	12-23-75
11	610-0350	12-23-75	12-23-75
12	611-11	12-23-75	12-23-75

-01	2.5 LK-3CR/IL	120/240V. 1PH. 4W. 60Hz
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RECOMMENDATION CHART	
120V, 2W	120V/240V, 3W

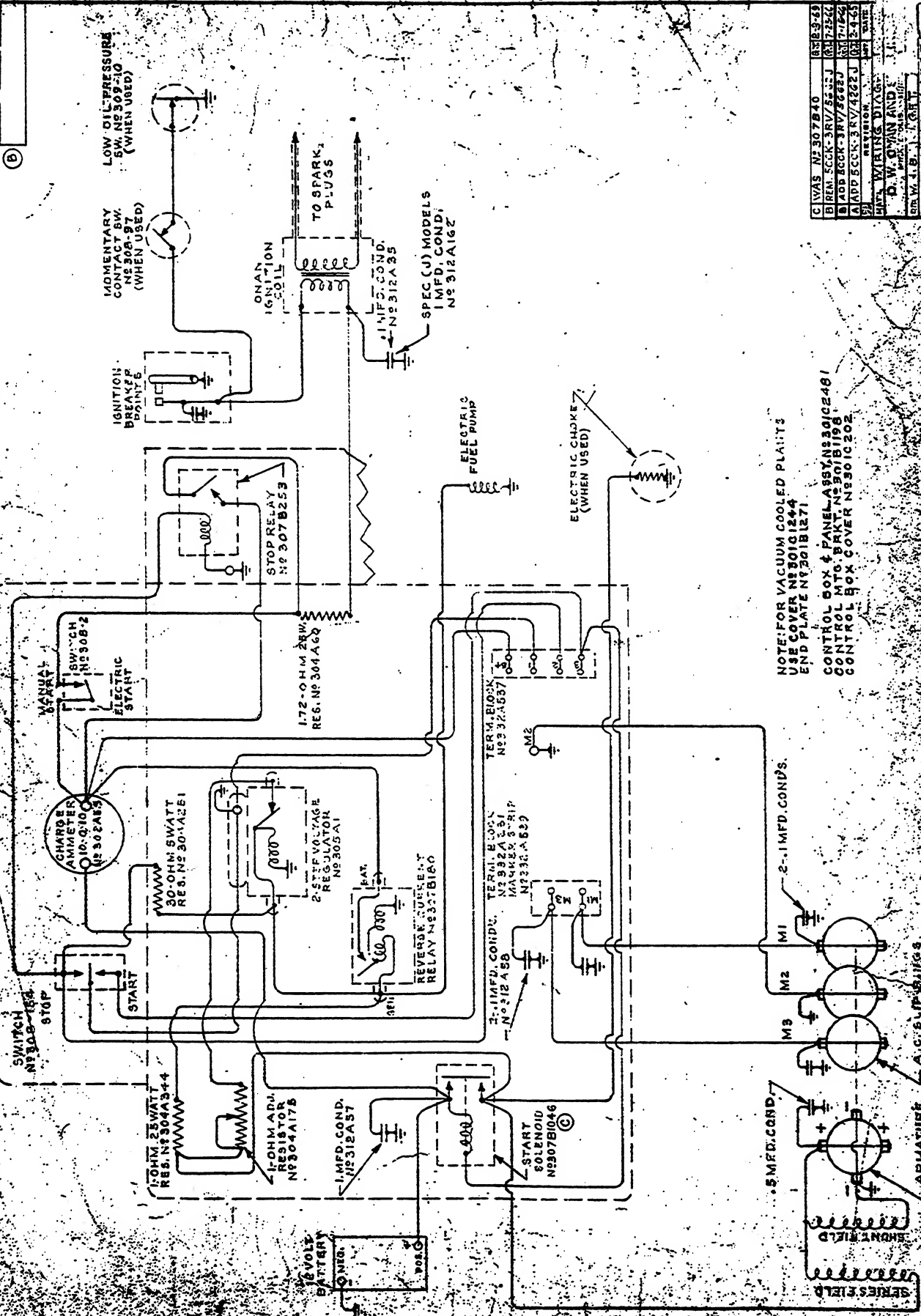


③

PRESS	-01
COOLED	-02

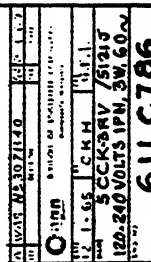
B1 ADDEQ DASH NO'S	3-3-70
A WAS 112307E 40	071-31-82
SUPERSEDES DWG. SAME HERE TO 11-59	
DATE	DATE
BY	BY
DIVISION OF ENGINEERING	
3-22-66	
OKH	G.F.T.
5CCK-3R SPEC 1A 60A	
120-240V. 1PH. 3WIRE 60A	
611C164	

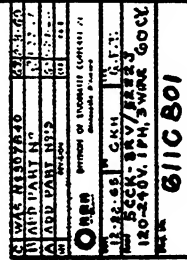
NOTE: FOR VACUUM COOLED PLANTS
 USE COVER N2301S1244
 END PLATE N2301S1271
 CONTROL BOX & PANEL ASSY. N2301C160
 CONTROL MFG. SECT. N2301B1190
 CONTROL BOX COVER N2301C202

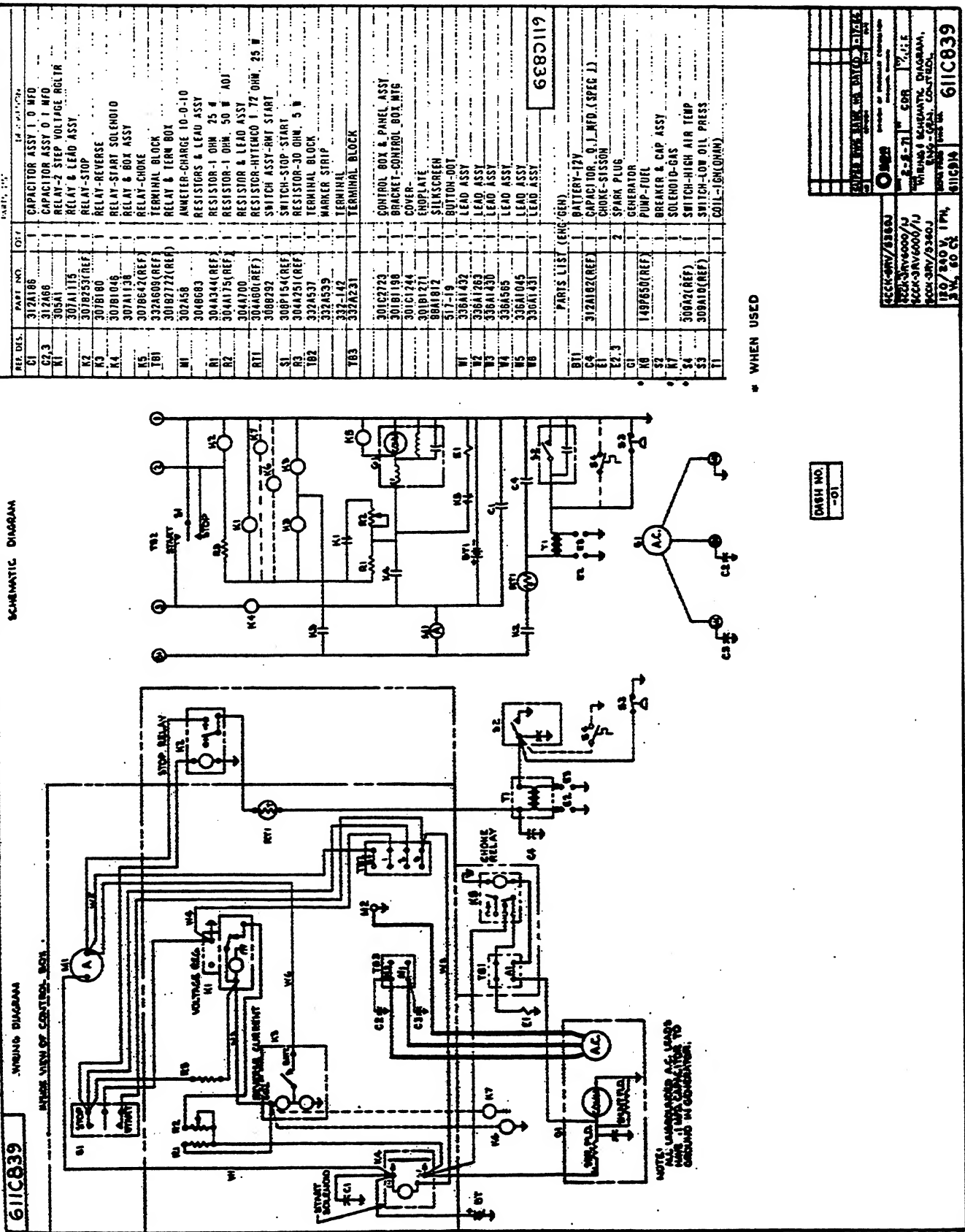


NOTE: FOR VACUUM COOLED PLAIN: 3
USE COVER N° 301C1244
END PLATE N° 301B1271
CONTROL BOX 4 PANEL ASSY N° 301C2481
CONTROL MTC: BRKT. N° 301B1198
CONTROL BOX COVER N° 301C202

[illegible]







DASH NO. -01

WHEN USED

611C839

WIRING DIAGRAM

307B1046

307B180

307A1138

307B642(REF)

322A008(REF)

307B772(REF)

302A58

304B683

304A244(REF)

304A175(REF)

304A700

306B292

308P154(REF)

304A251(REF)

322A537

322A539

322A531

301C2723

301B1198

301C1244

301B1271

308A1812

317-19

338A1432

338A1263

338A1430

338A1565

338A1045

338A1431

611C839

WIRING DIAGRAM

307B1046

307B180

307A1138

307B642(REF)

322A008(REF)

307B772(REF)

302A58

304B683

304A244(REF)

304A175(REF)

304A700

306B292

308P154(REF)

304A251(REF)

322A537

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322A531

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301B1198

301C1244

301B1271

308A1812

317-19

338A1432

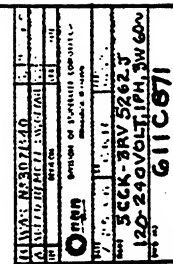
338A1263

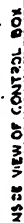
338A1430

338A1565

338A1045

338A1431



611C914

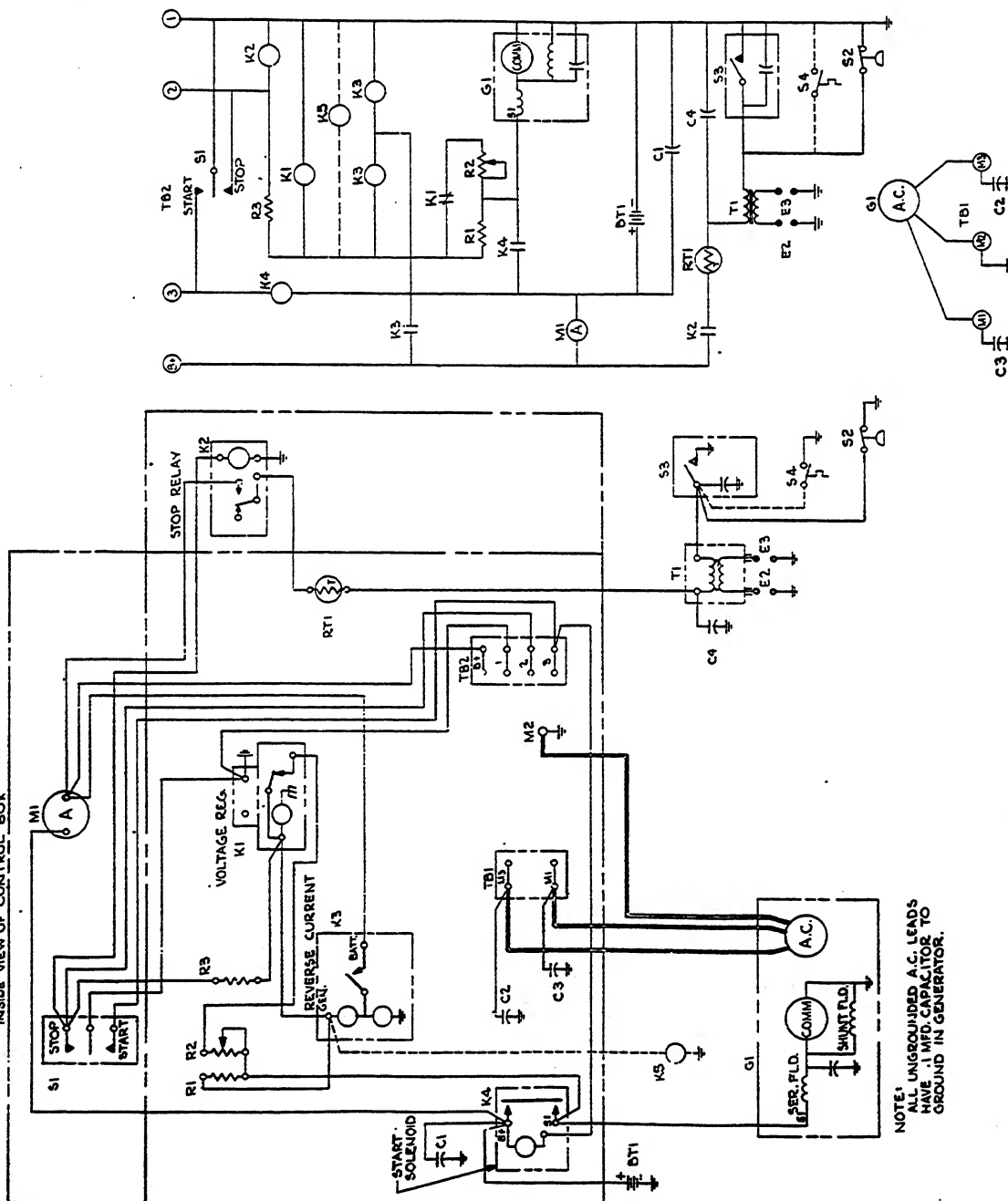
*** WHEN USED**

61C914

SCHEMATIC DIAGRAM

1517 C1444

REFDES	PART NO.	QTY	PART'S LIST	DESCRIPTION
C1	312A97	2	CAPACITOR .01 MFD.	.01 MFD.
C2, 3	312A58	2	CAPACITOR 0.1 MFD.	0.1 MFD.
K1	305A1	1	RELAY - 2 STEP VOLTAGE REG.	2 STEP VOLTAGE REG.
K2	307B253	1	RELAY - STOP	STOP
K3	307B180	1	RELAY - REVERSE CURRENT	REVERSE CURRENT
K4	307B1046	1	RELAY - START SOLENOID	START SOLENOID
M1	307A58	1	AMMETER - RANGE 10-0-10	RANGE 10-0-10
S1	304A344	1	RESISTOR - 1 OHM, 2% A	1 OHM, 2% A
R2	304A175	1	RESISTOR - 1 OHM, 50 W., 40T.	1 OHM, 50 W., 40T.
R3	304A251	1	RESISTOR - 30 OHMS, 5 W.	30 OHMS, 5 W.
M1	304A80	1	RESISTOR - WATTEDED 1.72 OHM, 25 W.	WATTEDED 1.72 OHM, 25 W.
S1	309P154	1	SWITCH - STOP, START	STOP, START
TB1	332A231	1	TERMINAL BLOCK	TERMINAL BLOCK
	332A539	1	MARKER STRIP	MARKER STRIP
TB2	332A537	1	TERMINAL BLOCK	TERMINAL BLOCK
	332-142	1	TERMINAL	TERMINAL
	301C2723	1	CONTROL BOX & PANEL ASST.	CONTROL BOX & PANEL ASST.
	301B1119	1	MIC. SHACKET	MIC. SHACKET
	301C1244	1	COVER (BY MODEL'S)	COVER (BY MODEL'S)
	301B1271	1	ENCLOSURE (BY MODEL'S)	ENCLOSURE (BY MODEL'S)
	99A1917	1	SILK SCREEN	SILK SCREEN
	517-45	1	DOT BUTTON	DOT BUTTON
B11		1	PARTS LIST (ENG-DEE)	PARTS LIST (ENG-DEE)
C4	312A35	1	BATTERY, 12-VOLT	BATTERY, 12-VOLT
	312A162	1	CAPACITOR .01 MFD.	CAPACITOR .01 MFD.
		1	CAPACITOR .01 MFD (SPEC J MODELS)	CAPACITOR .01 MFD (SPEC J MODELS)
E2, 3		2	SPARK PLUGS	SPARK PLUGS
G1		1	GENERATOR	GENERATOR
K5		1	GAS SOLENOID	GAS SOLENOID
S3	307P317	1	BRILLANCE & CAP ASSY	BRILLANCE & CAP ASSY
S4	309A2	1	SWITCH - HIGH AIR FLOW	SWITCH - HIGH AIR FLOW
S2	309A10	1	SWITCH - LOW OIL PRESS.	SWITCH - LOW OIL PRESS.
T1		1	LIGHT ON COIL - (728A1)	LIGHT ON COIL - (728A1)



NOTE:
ALL UNGROUNDED A.C. LEADS
HAVE .1 MFD. CAPACITOR TO
GROUND IN GENERATOR.

• WHEN USED

A	WAS	N5207B40	5-2-98
UNIT	SERVICE	EXTENSION OF INCREASED COMBINATION	UNIT CABLE
		REMARKS -	
DATE	8 - 6 - 68	CDR	G.F.T.
NARS 54 SCHWARTZ DIAGRAM, ENG - GENL. CONTROL			
PAGE NO	611C963		

WIRING DIAGRAM

SCHEMATIC DIAGRAM

151151151

REF DES	PART NO.	QTY	DESCRIPTION
C1	317A57	1	CAPACITOR 0.1 MFD
C2,C3	317A58	2	CAPACITOR 0.1 MFD
C3	317A58	1	CAPACITOR 0.1 MFD 250VAC
K1	305A1	1	RELAY - 2 STEP VOLTAGE RLG.
K2	3072953	1	RELAY - STOP
K3	3070180	1	RELAY - REVERSE CURRENT
K4	3070104 G	1	RELAY - START SILENCHU
K5	3078642	1	RELAY - CHARGE
M1	307459	1	AMPETER - CHARGE 10-0-10
R1	304A344	1	RESISTOR - 1-00M, 25 K
R2	304A175	1	RESISTOR - 1-00M, 50 K, ADJ.
R3	304A251	1	RESISTOR - 30-00M, 5 W
R11	304A60	1	RESISTOR - INTERMED 1.12-00M, 25 K
S1	309P134	1	SWITCH - STOP, START
T01	332A609	1	TERMINAL BLOCK
T02	332A537	1	TERMINAL BLOCK
T03	332A765	1	WIRELESS STRIP
	332A254	1	TERMINAL BLOCK
	332A495	1	MARKER STRIP
	332A4139	2	JOINTER - TERMINAL
	3012723	1	CONTROL BOX & PANEL ASST
	3010139	1	116 IN-CHART
	3018722	1	RELAY - STOP, START
	301C1244	1	COVER
	3010121	1	ENDPLATE
	98A1012	1	SILK SCREEN
	517-19	1	DOOR BUTTON
R11		1	PAIRS LIST (REC-DEB)
		1	BATTERY 12-VOLT
C3	317A162	1	CAPACITOR 0.1 MFD (SPEC. J 100115)
F1		1	SPARK PLUGS
F2		2	SPARK PLUGS
G1		1	GENERATOR
K6	149P650	1	FUEL PUMP (WHEN USED)
S2		1	BULB AND CAR ASST
S4	309A2	1	SWITCH-HIGH AIR TEMP
S3	309A10	1	SWITCH - LOW OIL PRESS
W1		1	WHEELION COIL - (WHEN USED)

0	NAT	APR 15	24
6	CALIF	RELL	24
8	BUREAU	330X39	
A	WAS	730X100	
100			24

SYSTEM OF LABORATORY CONNECTION
B-10000-1 (Rev. 1-1967)

Ogen

LOW

5-20-06

% CFM

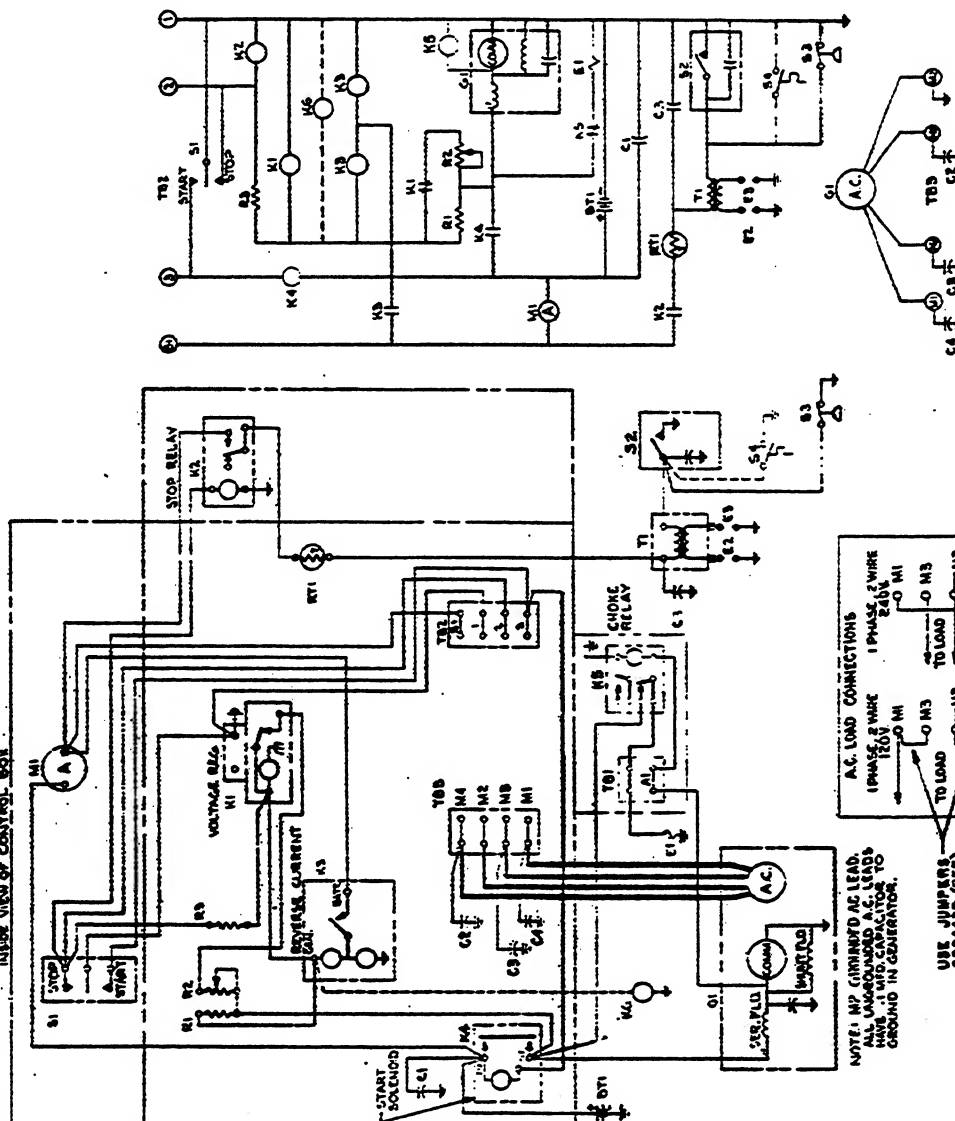
% F₁

**WINN-DIXIE DIAGRAM,
EUGENE, OREGON**

611C975

1-4-68

01	5CCK-3CRV6000/1J 4.0CCK-3CR/6000J
	120/240V., 1PH., AWG 60F



NOTE: MP GIMMINTO AC LEAD.
ALL UNGROUND A.C. LEADS
HAVE .1 MFD. CAPACITOR TO
GROUND IN GENERATOR.

USE JUMPERS -
382459 (REF)

The diagram illustrates two methods for connecting a load to a three-phase supply:

- Method 1 (Top):** Labeled "1 PHASE, 2 WIRE 240V". It shows a load connected between two phase lines, M1 and M3.
- Method 2 (Bottom):** Labeled "1 PHASE, 2 WIRE 120V". It shows a load connected between a phase line (M1) and a neutral line (M2).

1 PHASE, 3 WIRE
120-240V

3

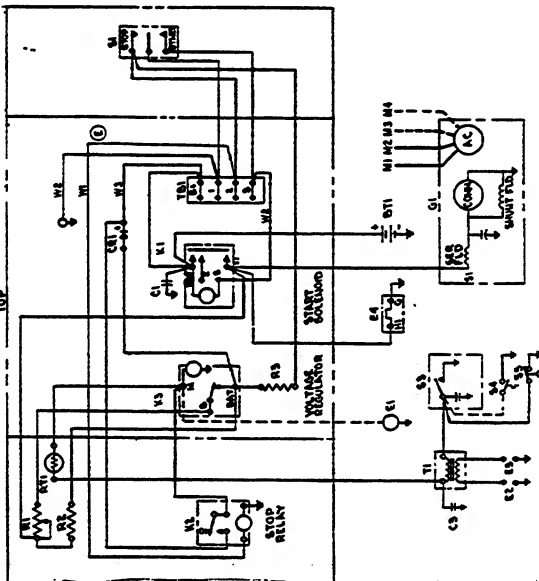
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0 114
0 117

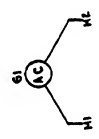
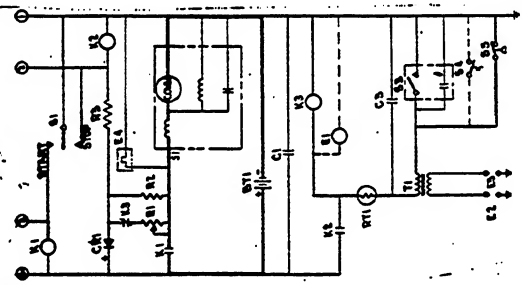
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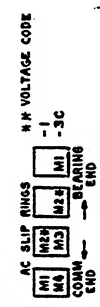
WIRING DIAGRAM
INSIDE VIEW OF BOX



SCHEMATIC



NOTE:
W R 11 GROUND TO ECU
OTHERS HAVE A W R CONNECTING TO
GROUND IN LOCATION.



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
C1	312A185	1	Capacitor Assembly
	309A494	1	Diode Assembly
CR1	305B235(Ref)	1	Diode - Reverse Current
	305A254(Ref)	1	Heat Sink
K1	307B845	1	Relay - Start Solenoid
	307A1120	1	Relay & Lead Assy. - Stop
K2	307B253(Ref)	1	Relay, Stop
K3	305B383	1	Relay, 2-Step Voltage
	304A681	1	Resistor Assembly
R1	304A175(Ref)	1	Resistor Adj., 1-Ohm, 50Watt
R2	304A344(Ref)	1	Resistor, Fixed, 1-Ohm, 25Watt
	304A680	1	Resistor & Lead Assembly
RT1	304A60(Ref)	1	Resistor, 1.72-Ohm, 25Watt
	308A294	1	Switch Assy., RMT Start
S1	309P154(Ref)	1	Switch, Start/Stop
R3	304A251(Ref)	1	Resistor, 30-Ohm, 5Watt
TB1	332A537	1	Terminal Block
	332A566	1	Marker Strip
W1	336A2024	1	Lead Assembly 16"
W2	336A1045	1	Lead Assembly 8"
W3	336A2023	1	Lead Assembly 12"
	301B3227	1	Bracket, Control Box Mtg.
	301D3228	1	Control Box
	301B3102	1	Cover
	517-19	1	Dot-Button
	508-1	3	Grommet

BT1	312A162	1	Battery, 12 Volt
C3		1	Capacitor, 0.1MFD.
*E1		1	Fuel Pump
E2, 3		2	Spark Plug
E4		1	Choke, Electric
G1		1	Generator
S3		1	Breaker & Cap Assembly
*S4	309A2	1	Switch, High Air Temp.
S5	309A10	1	Switch, Low Oil Pressure
T1		1	Ignition Coil (ONAN)

* - When Used.

611C1036

W R 11 GROUND TO ECU
OTHERS HAVE A W R CONNECTING TO
GROUND IN LOCATION.

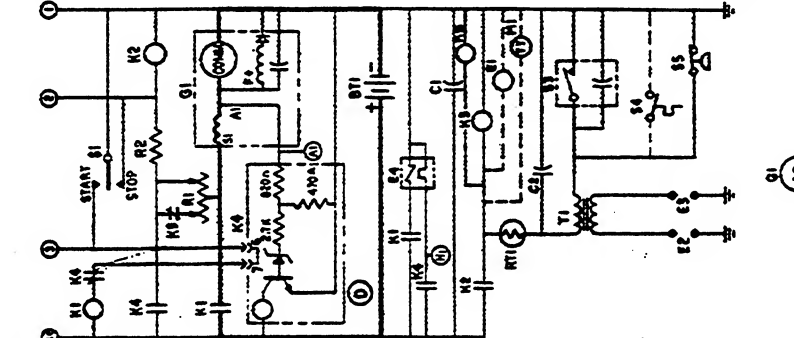
AC SLIP RINGS
M1 M2 M3 M4
COMM BEARING
END

N N VOLTAGE CODE
-1
-3C
M1
-3C

NOTE:
W R 11 GROUND TO ECU
OTHERS HAVE A W R CONNECTING TO
GROUND IN LOCATION.

611C1036

15.1 1151



OSN KILN

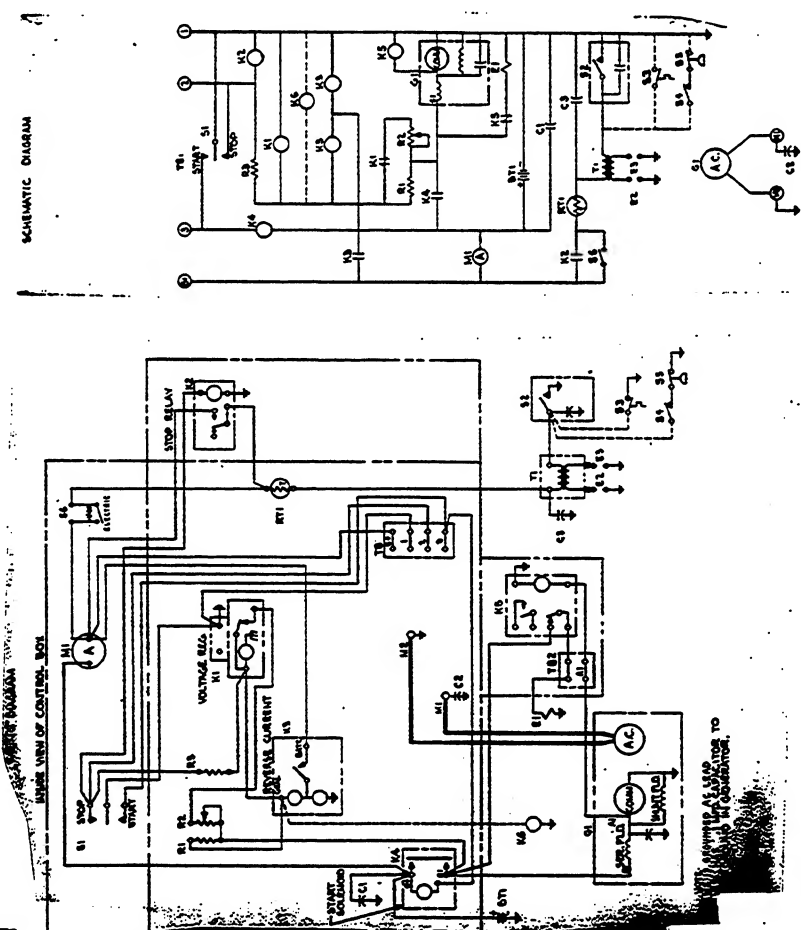
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13</																																																																																							

NOTE:
UNLESS OTHERWISE NOTED,
COMPONENTS ARE SHOWN IN
DE-ENERGIZED POSITION

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611C1037

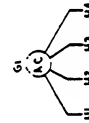
22



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
C1	312A57	1	Capacitor 1.0 MFD.
C2	312A58	1	Capacitor 0.1 MFD.
K1	305A1	1	Relay, 2-Step Voltage Reg.
K2	307B253	1	Relay, Stop
K3	307B180	1	Relay, Reverse Current
K4	307B1046	1	Relay, Start Solenoid
K5	307B642	1	Relay, Choke
M1	302A58	1	Ammeter, Choke 10-0-10
R1	304A344	1	Resistor, 1-Ohm, 25Watt
R2	304A175	1	Resistor, 1-Ohm, 50Watt, Adj.
R3	304A251	1	Resistor, 30-Ohm, 5Watt
RT1	304A60	1	Resistor, Hytemco, 1.72-Ohm, 25Watt
S1	308P154	1	Switch, Start/Stop
S6	308P2	1	Switch, Hand/Elect. Start
TB1	332A537	1	Terminal Block
	332A540	1	Marker Strip
TB2	332-142	2	Terminal
	332A609	1	Terminal Block
	301B2722	1	Relay & Terminal Block Box
	301C2723	1	Control Box & Panel Assy.
	301B1198	1	Mounting Bracket
	301C1244	1	Cover
	301B1271	1	Endplate
BT1		1	Battery, 12-Volt
C3	312A35(Ref)	1	Capacitor 0.1 MFD.
	312A162(Ref)	1	Capacitor 0.1 MFD. (Spec J Models)
E1		1	Choke, Slisson Electric
E2, 3		2	Spark Plugs
G1		1	Generator
*K6	307P312(Ref)	1	Fuel Solenoid
S2		1	Breaker & Cap Assembly
S3	309A2(Ref)	1	Switch, High Air Temp.
S4	308-97(Ref)	1	Switch
S5	309A10(Ref)	1	Switch, Low Oil Pressure
TI		1	Ignition Coil - (ONAN)

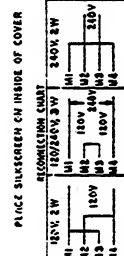
*** - When Used.**

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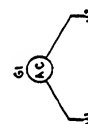
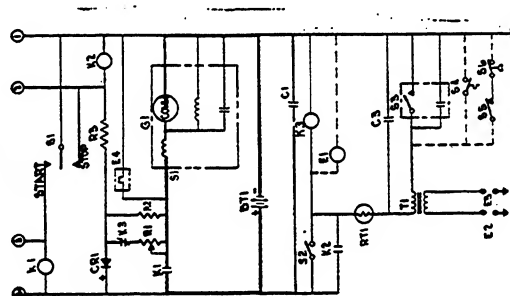
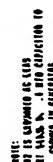
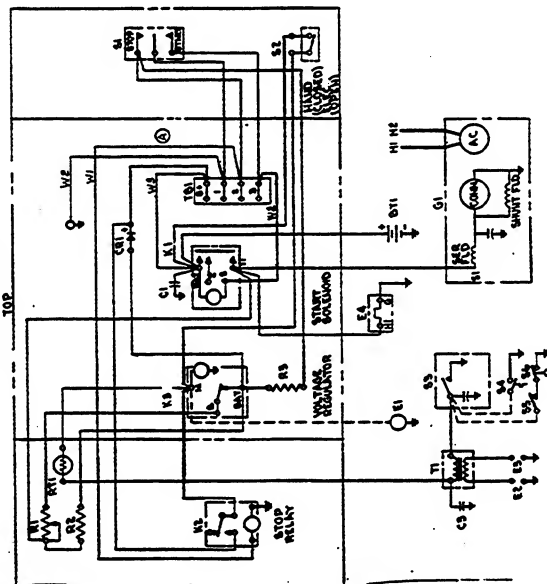
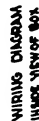
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
C1	312A57	1	Capacitor 1.0 MFD.
CR1	305B235	1	Diode, Reverse Current
	305A254	1	Heat Sink
K1	305B383	1	Relay, 2-Step Voltage Reg.
K2	307B253	1	Relay, Stop
K3	307B845	1	Relay, Start Solenoid
R1	304A175	1	Resistor, 1-Ohm, 50 Watt, Adj.
R2	304A344	1	Resistor, 1-Ohm, 25 Watt
R3	304A251	1	Resistor, 30-Ohm, 5 Watt
RT1	304A60	1	Resistor, Hytemco, 1.72-Ohm, 25 Watt
S1	308P154	1	Switch, Start/Stop
S2	308P2	1	Switch, Hand/Elect. Start
⊙ TB1	332A604	1	Block, Terminal
	332A613	1	Strip, Marker
⊙	301B3227	1	Bracket, Control Box Mtg.
	301D3294	1	Control Box
	301B3102	1	Cover
	332-142	1	Terminal
	508-1	3	Grommet
BT1		1	Battery, 12-Volt
C3	312A162	1	Capacitor 0.1 MFD.
*E1		1	Fuel Pump
E2, 3		2	Spark Plug
E4		1	Choke, Thermo Mag.
G1		1	Generator
S3		1	Breaker & Cap Assembly
*S4	309A2	1	Switch, High Air Temp.
*S5	308-97	1	Switch
*S6,	309A10	1	Switch, Low Oil Pressure
T1		1	Ignition Coil (ONAN)
E5	193A108	1	Sender - Oil Pressure
⊙ M1	193A107(Ref)	1	Gauge, Oil Pressure
M2	302A58(Ref)	1	Ammeter

*** - When Used.**



PLACE SILKSCREEN ON INSIDE OF COVER

01-60 C6K-38/932	WIRING DIAGRAM	611 C 1047
50 C6K-3-9/94N	CONTROL - DEN SET	



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
C1	312A185	1	Capacitor Assembly
	305A494	1	Diode Assembly
CR1	305B235(Ref)	1	Diode, Reverse Current
	305A254(Ref)	1	Heat Sink
K1	307B845	1	Relay, Start Solenoid
	307A1120	1	Relay & Lead Assy-Stop
K2	307B253(Ref)	1	Relay, Stop
K3	305B383	1	Relay, 2-Step Voltage
	304A681	1	Resistor Assembly
R1	304A175(Ref)	1	Resistor, Adj., 1-Ohm, 50Watt
R2	304A344	1	Resistor, Fixed, 1-Ohm, 25Watt
	304A680	1	Resistor & Lead Assembly
RT1	304A60(Ref)	1	Resistor, 1.72-Ohm, 25Watt
	308A294	1	Switch Assy., RMT Start
S1	308P154(Ref)	1	Switch, Start/Stop
R3	304A251(Ref)	1	Resistor, 30-Ohm, 5Watt
	308A300	1	Switch & Lead Assembly
S2	308P2(Ref)	1	Switch (Hand/Elect. Start)
TB1	332A537	1	Terminal Block
	332A566	1	Marker Strip
W1	336A2024	1	Lead Assembly 16"
W2	336A1045	2	Lead Assembly 8"
W3	336A2023	1	Lead Assembly 12"
	301B3227	1	Bracket, Control Box Mfg.
	301D3228	1	Control Box
	301B3102	1	Cover
	508-1	3	Grommet
BT1		1	Battery, 12-Volt
C3	312A162	1	Capacitor, 0.1 MFD.
E1		1	Fuel Pump
E2, 3		2	Spark Plug
E4		1	Choke, Electric
G1		1	Generator
S3		1	Breaker & Cap Assembly
S4	309A2	1	Switch, High Air Temp.
S5	308-97	1	Switch
S6	309A10	1	Switch, Low Oil Pressure
TI		1	Ignition Coil (ONAN)

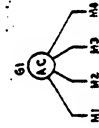
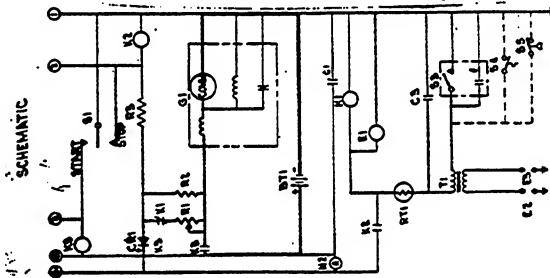
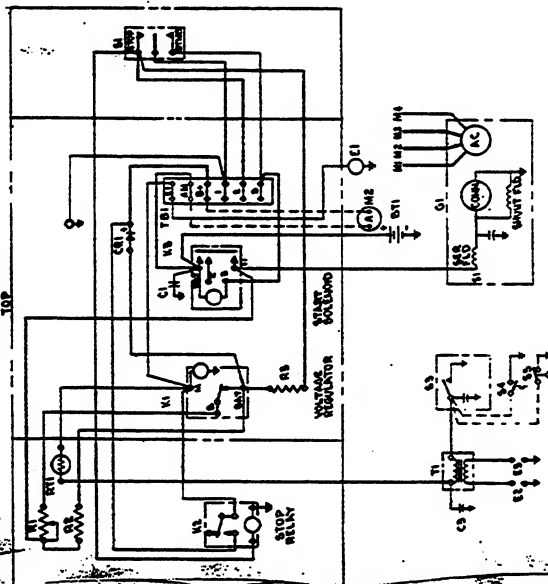
* - When Used.

*** - When Used.**

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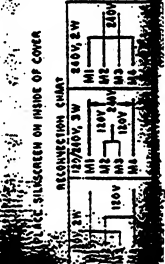
61C1050

WIRING DIAGRAM
INSIDE VIEW OF BOX



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
C1	312A57	1	Capacitor, 1.0 MFD.
CR1	305B235	1	Diode, Reversible Current
K1	305A254	1	Heat Sink
K2	305B383	1	Relay, 2-Step Voltage Reg.
K3	307B253	1	Relay, Stop
R1	307B845	1	Relay, Start Solenoid
R2	304A175	1	Resistor, 1-Ohm, 50 Watt, Adj.
R3	304A344	1	Resistor, 1-Ohm, 25 Watt
RT1	304A251	1	Resistor, 30-Ohm, 5 Watt
	304A60	1	Resistor, Hitemco, 1.72-Ohm, 25 Watt
SI	308P154	1	Switch, Start/Stop
BT1	332A699	1	Block, Terminal
	332A730	1	Strip, Marker
	301B3227	1	Bracket, Control Box Mfg.
	301D3294	1	Control Box
	301B3102	1	Cover
	332-142	1	Terminal
	508-1	3	Grommet
	517-19	1	Dot-Button
BT1	312A162	1	Battery, 12-Volt
C3		1	Capacitor, 0.1 MFD.
E1		1	Valve, Gas Solenoid
E2, 3		2	Spark Plug
G1		1	Generator
S3		1	Breaker & Cap Assembly
S4	309A2	1	Switch, High Air Temp.
S5	309A10	1	Switch, Low Oil Press.
T1		1	Ignition Coil (ONAN)
M2		1	Ammeter (Furnished by Customer)

* - When Used.



61C1050

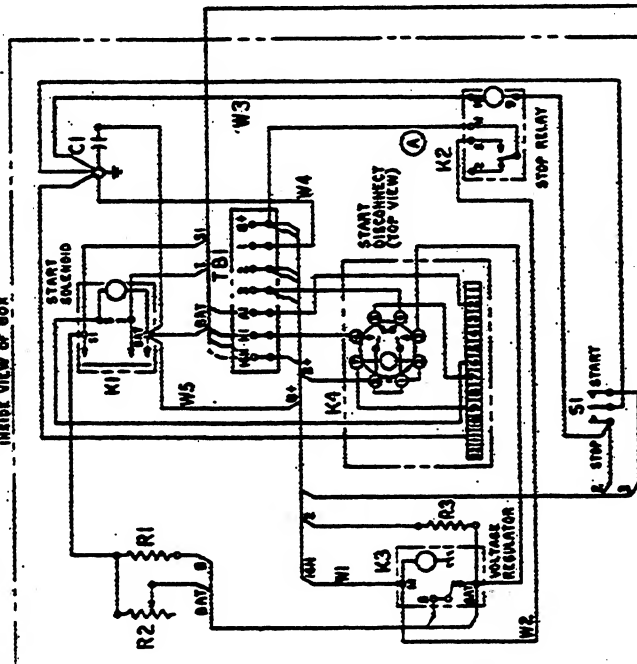
REVISIONS

REV.	DATE	DESCRIPTION
1	10-1-50	INITIAL DESIGN
2	10-1-50	REVISION
3	10-1-50	REVISION
4	10-1-50	REVISION
5	10-1-50	REVISION
6	10-1-50	REVISION
7	10-1-50	REVISION
8	10-1-50	REVISION
9	10-1-50	REVISION
10	10-1-50	REVISION

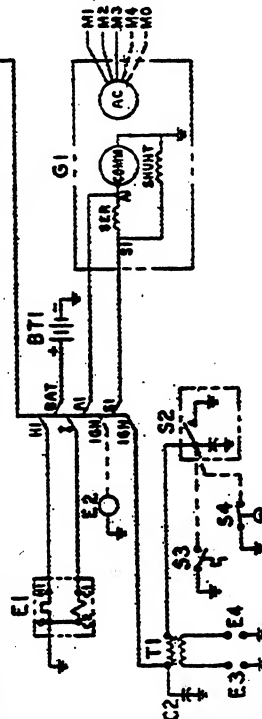
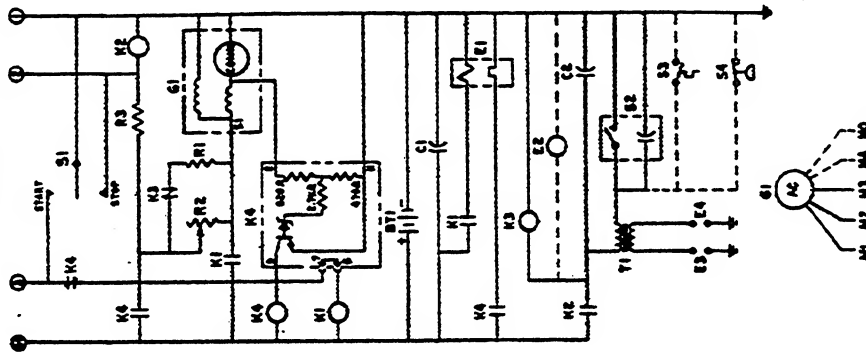
61C1050

611C1052

WIRING DIAGRAM
INSIDE VIEW OF BOX



SCHEMATIC



REF. DES.	PART NO.	QTY.	DESCRIPTION
C1	312A185	1	CAPACITOR ASSY, 1.0 MFD
K1	3070R45	1	RELAY-START SOLINOID
K2	307B1052	1	RELAY-STOP
K3	305B383	1	RELAY-2 STEP VOLTAGE REGULATION
K4	306D232	1	RELAY ASSY-START DISC
R1	307D1070(REF)	1	RELAY-START DISCONNECT
R2	300A734(REF)	1	AMPLIFIER-START DISCONNECT
R3	304A688	1	RESISTOR & LEAD ASSY
R4	353A6 (REF)	1	RESISTOR, 60, 50 W
R5	304A689	1	RESISTOR & LEAD ASSY
R6	304A685	1	RESISTOR, 100 W 100
R7	304A251(REF)	1	RESISTOR & LEAD ASSY
R8	308A206	1	RESISTOR, 300, 5 W
S1	300B150(REF)	1	SWITCH ASSY
S2	332A745	1	SWITCH-START, STOP
T1	332A1321	1	TERMINAL BLOCK
W1	330A2022	1	WIRE HARNESS STRIP
W2	330A2030	1	WIRE HARNESS STRIP
W3	330A2031	1	WIRE HARNESS STRIP
W4	330A1431	1	WIRE HARNESS STRIP
W5	330A2032	1	WIRE HARNESS STRIP
BT1	301D351	1	CONTROL BOX
BT2	301B349	1	COVER-CONTROL BOX
BT3	331-88	2	GROUND
BT4	50A-4	1	GROUND
BT5	90A1070	1	SILKSCREEN-RECONNECTION
BT6	99A2768	1	SILKSCREEN-START, STOP
PARTS LIST ENG GEN (REF)			
BT1	BATTERY, 12V	1	25012119
C2	CAPACITOR 0.1 MFD	1	
E1	CHOKE-THERMO MAG	1	
E2	PUMP-FUEL	1	
E3, 4	SPARK PLUG	2	
G1	GENERATOR	1	
S2	BREAKER & CAP ASSY	1	
S3	SWITCH-HIGH AIR TEMP	1	
S4	SWITCH-LOW OIL PRESS	1	
T1	COIL-IGNITION	1	
	332B805 (REF)	1	SOCKET ASSY - START DISC
	301A3206(REF)	1	SPRING

*WHEN USED

1	ITEM 300A2030(REF) 2	25012119
2	ITEM 300A2030(REF) 2	25012119
3	ITEM 300A2030(REF) 2	25012119
4	ITEM 300A2030(REF) 2	25012119
5	ITEM 300A2030(REF) 2	25012119
6	ITEM 300A2030(REF) 2	25012119
7	ITEM 300A2030(REF) 2	25012119
8	ITEM 300A2030(REF) 2	25012119
9	ITEM 300A2030(REF) 2	25012119
10	ITEM 300A2030(REF) 2	25012119

1	ITEM 300A2030(REF) 2	25012119
2	ITEM 300A2030(REF) 2	25012119
3	ITEM 300A2030(REF) 2	25012119
4	ITEM 300A2030(REF) 2	25012119
5	ITEM 300A2030(REF) 2	25012119
6	ITEM 300A2030(REF) 2	25012119
7	ITEM 300A2030(REF) 2	25012119
8	ITEM 300A2030(REF) 2	25012119
9	ITEM 300A2030(REF) 2	25012119
10	ITEM 300A2030(REF) 2	25012119

1	ITEM 300A2030(REF) 2	25012119
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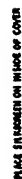
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NOTE: 1. ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE AND IS IN THE PUBLIC DOMAIN.

2. DATE OF REVIEW: 10/10/2001

3. REVIEWED BY: [REDACTED]

4. REVIEWED BY: [REDACTED]

5. REVIEWED BY: [REDACTED]

6. REVIEWED BY: [REDACTED]

7. REVIEWED BY: [REDACTED]

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9. REVIEWED BY: [REDACTED]

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11. REVIEWED BY: [REDACTED]

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13. REVIEWED BY: [REDACTED]

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15. REVIEWED BY: [REDACTED]

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17. REVIEWED BY: [REDACTED]

18. REVIEWED BY: [REDACTED]

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21. REVIEWED BY: [REDACTED]

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97. REVIEWED BY: [REDACTED]

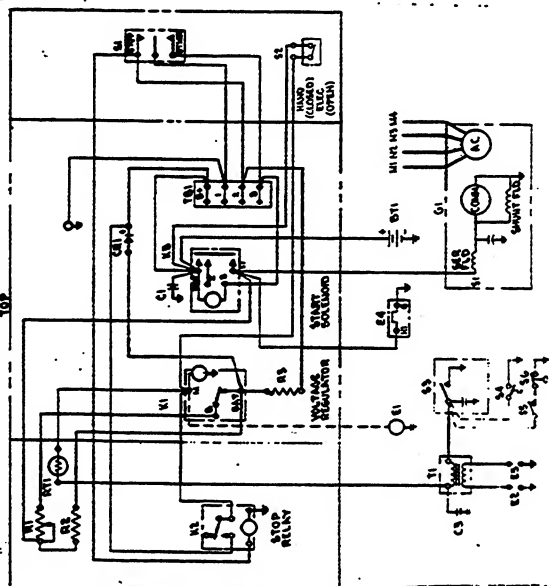
98. REVIEWED BY: [REDACTED]

99. REVIEWED BY: [REDACTED]

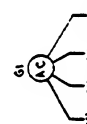
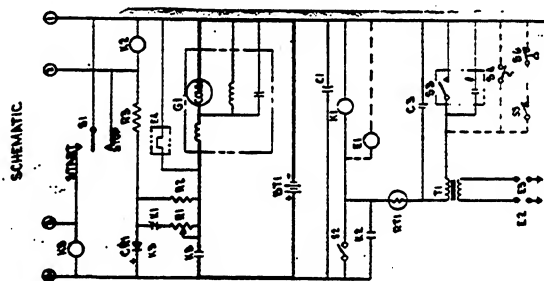
100. REVIEWED BY: [REDACTED]

*** - When Used.**

FOR
YOUR OWN PROTECTION
WEEDING OUT



01 001137003 010 1' JSTP SASHLO
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7100

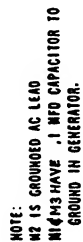


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
C1	312A57	1	Capacitor 1.0 MFD.
CR1	305B235	1	Diode, Reverse Current
	305A254	1	Heat Sink
K1	305B383	1	Relay, 2-Step Voltage Reg.
K2	307B253	1	Relay, Stop
K3	307B845	1	Relay, Start Solenoid
R1	304A175	1	Resistor, 1-Ohm, 50Watt, Adj.
R2	304A344	1	Resistor, 1-Ohm, 25Watt
R3	304A251	1	Resistor, 30-Ohm, 5 Watt
RT1	304A60	1	Resistor, Hytemco, 1.72-Ohm, 25 Watt
S1	308P154	1	Switch, Start/Stop
S2	308P2	1	Switch, Hand/Elect. Start
TB1	332A537	1	Block, Terminal
	332A566	1	Strip, Marker
	301B3227	1	Bracket, Control Box Mtg.
	301D3228	1	Control Box
	301B3102	1	Cover
	508-1	3	Grommet
BT1		1	Battery, 12-Volt
C3	312A162	1	Capacitor 0.1 MFD.
E1		1	Fuel Pump
E2, 3		2	Spark Plug
E4		1	Choke, Electric
G1		1	Generator
S3		1	Breaker & Cap Assembly
S4	309A2	1	Switch, High Air Temp.
S5	308-97	1	Switch
S6	309A10	1	Switch, Low Oil Pressure
T1		1	Ignition Coil (ONAN)

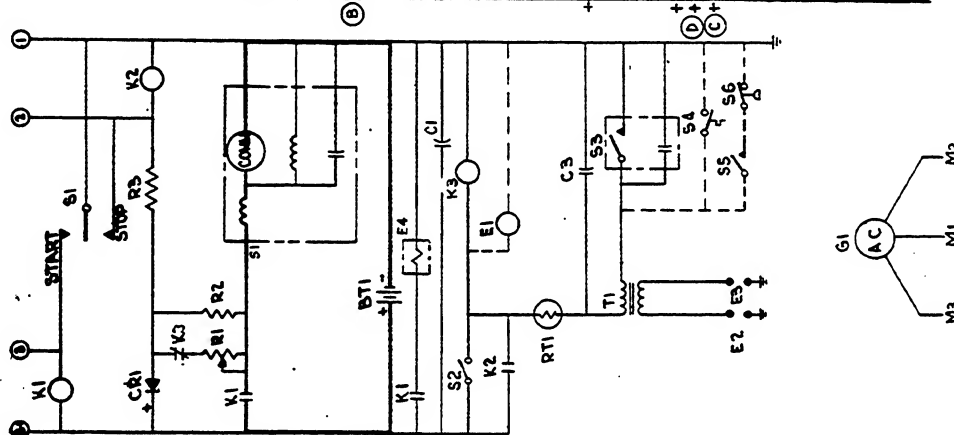
*** - When Used.**

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE	11/10/90	TIME	10:00	DATE	11/10/90	TIME	10:00
NAME	JOHN DOE	NAME	JOHN DOE	NAME	JOHN DOE	NAME	JOHN DOE
ADDRESS	1234 MAIN ST	ADDRESS	1234 MAIN ST	ADDRESS	1234 MAIN ST	ADDRESS	1234 MAIN ST
CITY	ANYTOWN	CITY	ANYTOWN	CITY	ANYTOWN	CITY	ANYTOWN
STATE	CA	STATE	CA	STATE	CA	STATE	CA
ZIP	90210	ZIP	90210	ZIP	90210	ZIP	90210
PHONE	(415) 555-1234	PHONE	(415) 555-1234	PHONE	(415) 555-1234	PHONE	(415) 555-1234
EMAIL	JOHN.DOE@EXAMPLE.COM	EMAIL	JOHN.DOE@EXAMPLE.COM	EMAIL	JOHN.DOE@EXAMPLE.COM	EMAIL	JOHN.DOE@EXAMPLE.COM
COMPANY	EXAMPLE CORP	COMPANY	EXAMPLE CORP	COMPANY	EXAMPLE CORP	COMPANY	EXAMPLE CORP
TITLE	MANAGER	TITLE	MANAGER	TITLE	MANAGER	TITLE	MANAGER
DOB	01/01/1960	DOB	01/01/1960	DOB	01/01/1960	DOB	01/01/1960
SSN	123-45-6789	SSN	123-45-6789	SSN	123-45-6789	SSN	123-45-6789
EXP	12/31/95	EXP	12/31/95	EXP	12/31/95	EXP	12/31/95
STATUS	ACTIVE	STATUS	ACTIVE	STATUS	ACTIVE	STATUS	ACTIVE
REMARKS	ALL INFORMATION IS UNCLASSIFIED	REMARKS	ALL INFORMATION IS UNCLASSIFIED	REMARKS	ALL INFORMATION IS UNCLASSIFIED	REMARKS	ALL INFORMATION IS UNCLASSIFIED



SCHEMATIC

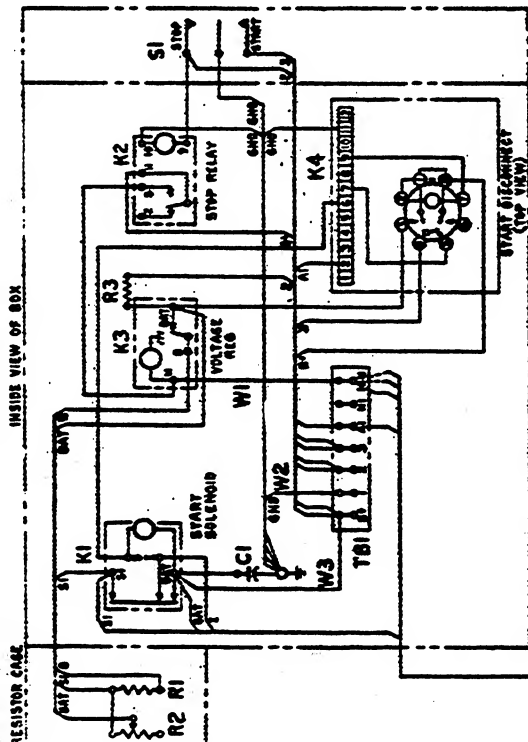
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† WHEN USED

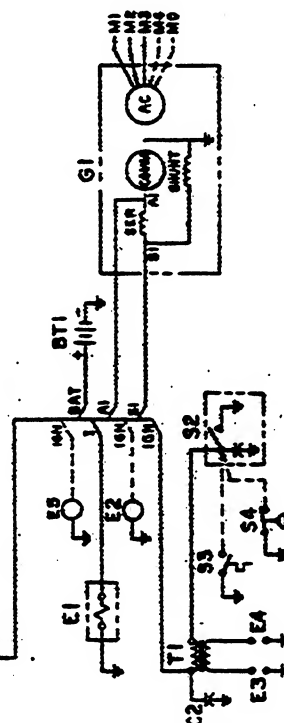
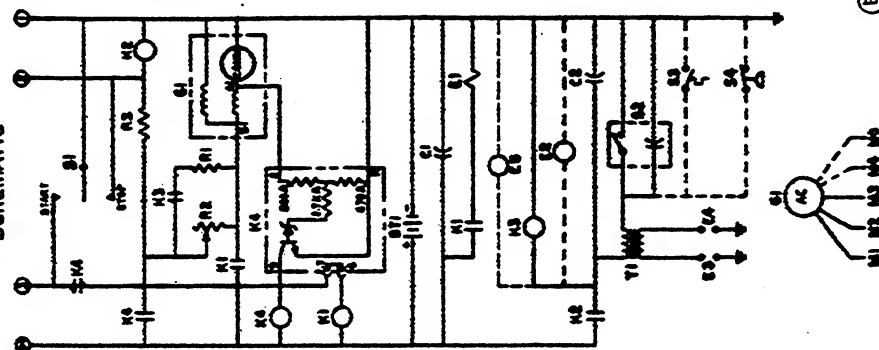
[illegible]

NOTE: UNLESS OTHERWISE NOTED, ALL COMPONENTS ARE SHOWN IN THE DE-ENERGIZED POSITION

WIRING DIAGRAM
XOD SO M21A 2G15H1



SCHEMATIC

[illegible]

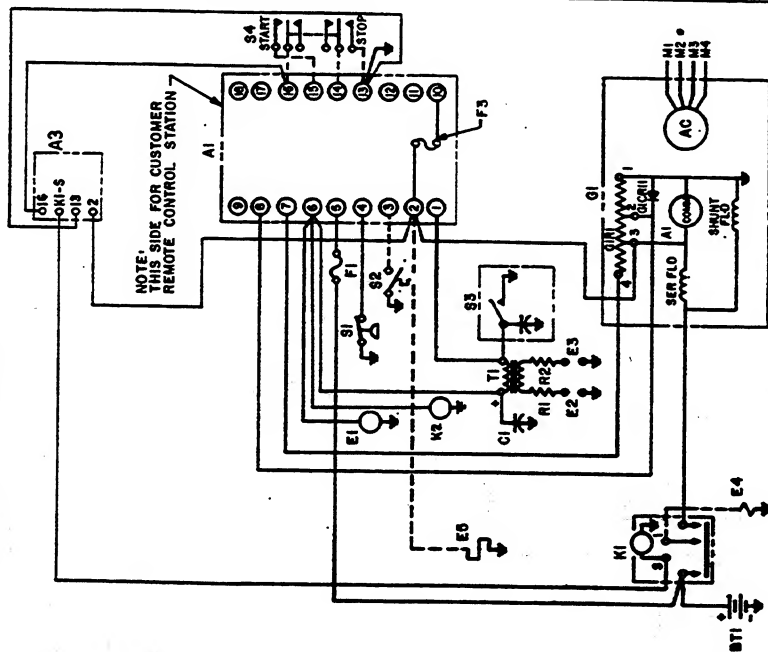
OSIN NAHA

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INCUBATION TIME	120V, 20	120-240V, 30	240V, 20
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02	1000	1000	1000
03	1000	1000	1000
04	1000	1000	1000

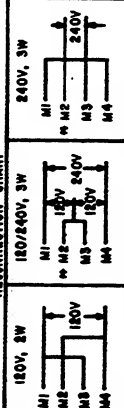
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WIRING DIAGRAM



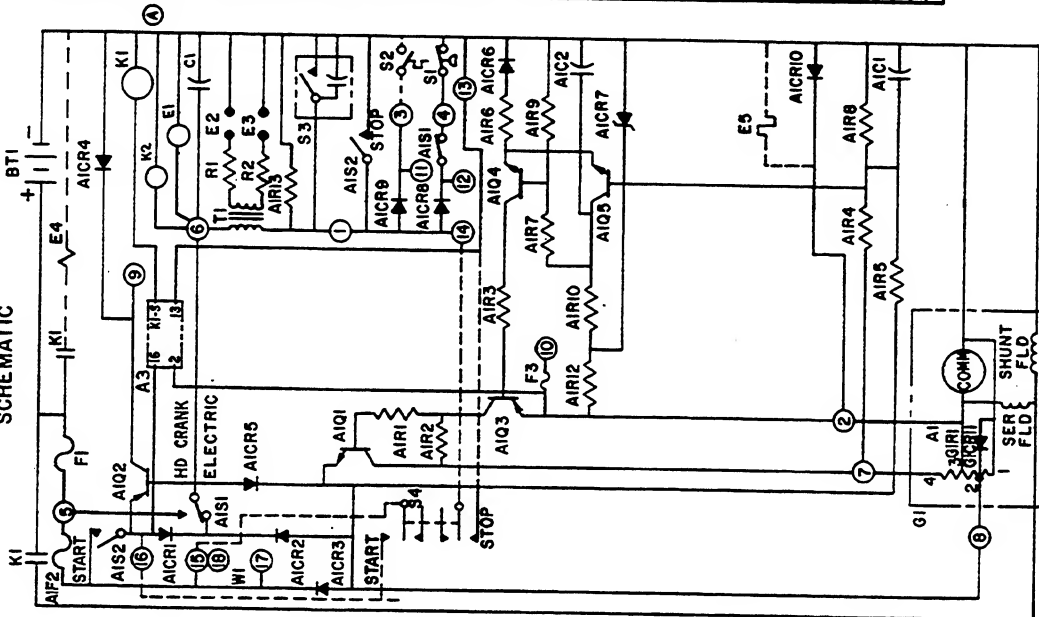
HP VOLTAGE CODE
 3C 120/240V, 1PH
 4 120/208V, 3PH
 5D 120/240V, 3PH
 7 280/380V, 3PH
 4N 277/480V, 3PH
 7X 240/416V, 3PH

RECONNECTION CHART



* GROUND AC LEAD

SCHEMATIC



DASH NO	CHOKE	MODEL	WIRING HARNESS	CONTROL ASSY
-01	SISSON CHOKE	CCK,NH	338D640	300D1000
-02	ONAN CHOKE	CCK	338D691	300D1000
-03	NO CHOKE	GAS CARB	338D0774	300D1108
-04	NO CHOKE	HATKO GAS	338D0775	300D1108
-05	SISSON CHOKE	HATKO	338D0776	300D1000

5.5NH - NHR/12000D	1PH	50Hz
5.5NH - NHR/12000D	1PH	60Hz

5.5NH - NHR/12000D	1PH	50Hz
5.5NH - NHR/12000D	1PH	60Hz

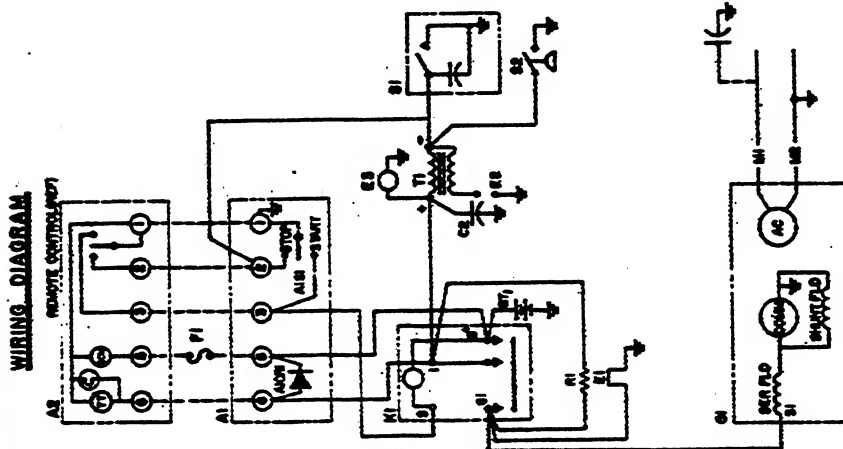
5.5NH - NHR/12000D	1PH	50Hz
5.5NH - NHR/12000D	1PH	60Hz

5.5NH - NHR/12000D	1PH	50Hz
5.5NH - NHR/12000D	1PH	60Hz

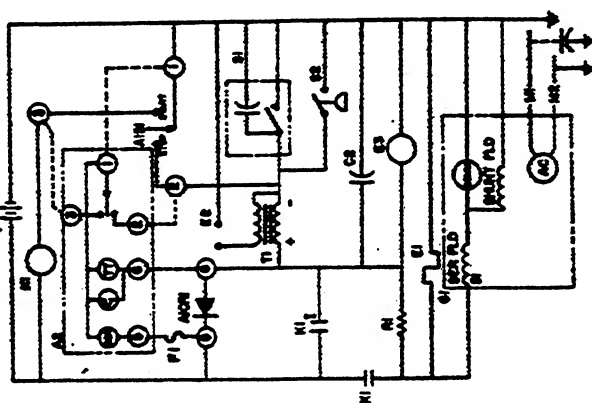
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A1	SEE TAB	1	CONTROL ASSY
A2	300D852(REF)	1	CONTROL-GEN SET ASSY
A3	300D853(REF)	1	CONTROL-START STOP (CUSTOMER REMOTE)
B1	SEE TAB	1	WIRING HARNESS
F3	821A30	1	FUSE
F4	821A30	1	FUSE
A3	300D822(REF)	1	CONTROL-DISC ADPTR
BT1			BATTERY-12 VDC
C1			CAPACITOR-0.1 MFD
E1			PUMP-FUEL (WHEN USED)
E2			SPARK PLUG
E3			CHUCK-SSISON (WHEN USED)
E4			CHUCK-ONAN (WHEN USED)
E5			GENERATOR
G1	317-17	1	RELAY-START SOLENOID
H1	317-47	1	RELAY-START SOLENOID
I1	317-109	1	RELAY-START SOLENOID
I2	317-109	1	RELAY-START SOLENOID
K1	100D1037	1	RELAY-START SOLENOID
K2	100D1037	1	RELAY-START SOLENOID
K3	100D1037	1	RELAY-START SOLENOID
K4	100D1037	1	RELAY-START SOLENOID
K5	100D1037	1	RELAY-START SOLENOID
K6	100D1037	1	RELAY-START SOLENOID
K7	100D1037	1	RELAY-START SOLENOID
K8	100D1037	1	RELAY-START SOLENOID
K9	100D1037	1	RELAY-START SOLENOID
K10	100D1037	1	RELAY-START SOLENOID
K11	100D1037	1	RELAY-START SOLENOID
K12	100D1037	1	RELAY-START SOLENOID
K13	100D1037	1	RELAY-START SOLENOID
K14	100D1037	1	RELAY-START SOLENOID
K15	100D1037	1	RELAY-START SOLENOID
K16	100D1037	1	RELAY-START SOLENOID
K17	100D1037	1	RELAY-START SOLENOID
K18	100D1037	1	RELAY-START SOLENOID
K19	100D1037	1	RELAY-START SOLENOID
K20	100D1037	1	RELAY-START SOLENOID
K21	100D1037	1	RELAY-START SOLENOID
K22	100D1037	1	RELAY-START SOLENOID
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K34	100D1037	1	RELAY-START SOLENOID
K35	100D1037	1	RELAY-START SOLENOID
K36	100D1037	1	RELAY-START SOLENOID
K37	100D1037	1	RELAY-START SOLENOID
K38	100D1037	1	RELAY-START SOLENOID
K39	100D1037	1	RELAY-START SOLENOID
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K56	100D1037	1	RELAY-START SOLENOID
K57	100D1037	1	RELAY-START SOLENOID
K58	100D1037	1	RELAY-START SOLENOID
K59	100D1037	1	RELAY-START SOLENOID
K60	100D1037	1	RELAY-START SOLENOID
K61	100D1037	1	RELAY-START SOLENOID
K62	100D1037	1	RELAY-START SOLENOID
K63	100D1037	1	RELAY-START SOLENOID
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K65	100D1037	1	RELAY-START SOLENOID
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K89	100D1037	1	RELAY-START SOLENOID
K90	100D1037	1	RELAY-START SOLENOID
K91	100D1037	1	RELAY-START SOLENOID
K92	100D1037	1	RELAY-START SOLENOID
K93	100D1037	1	RELAY-START SOLENOID
K94	100D1037	1	RELAY-START SOLENOID
K95	100D1037	1	RELAY-START SOLENOID
K96	100D1037	1	RELAY-START SOLENOID
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K98	100D1037	1	RELAY-START SOLENOID
K99	100D1037	1	RELAY-START SOLENOID
K100	100D1037	1	RELAY-START SOLENOID

61C1086

WIRING DIAGRAM



SCHEMATIC



NOTE:
1. FUSE (BAMP) TO BE SUPPLIED BY CUSTOMER TO PROTECT AGAINST ACCIDENTAL GROUNDING

REF. DES.	PART NO.	QTY.	DESCRIPTION
AI	300C1035	1	CONTROL ASSY-GEN SET
AICR1	357-0022	1	DIODE ASSY (REF)
AI51	308-0345	1	SWITCH-TORQUE (REF)
A2	300-0906	1	REMOTE CONTROL (REF)
B11		1	BATTERY-12V
C2		1	CAPACITOR
E1		1	CHOKE - ORAN
E2		1	SMUK PLUG
E3	307A103	1	VALVE-ENGINE FUEL (REF)
G1		1	GENERATOR
K1		1	SOLENOID - START
RI	353B0080	1	RESISTOR ASSY (REF) 10 5% OHMS 45W
SI		1	BREAKER & CAP ASSY
S2	309P0237	1	SWITCH-LOW OIL PRESS (REF)
T1		1	COIL-IGNITION
FI	SEE NOTE #1		

1	07	12000		072	221	
2	13	10000		100	000	
3	13	10000		100	000	
4	13	10000		100	000	
5	13	10000		100	000	
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SECRET

DATE: 8-11-78 BY: 10000

87AJ-RR/10000

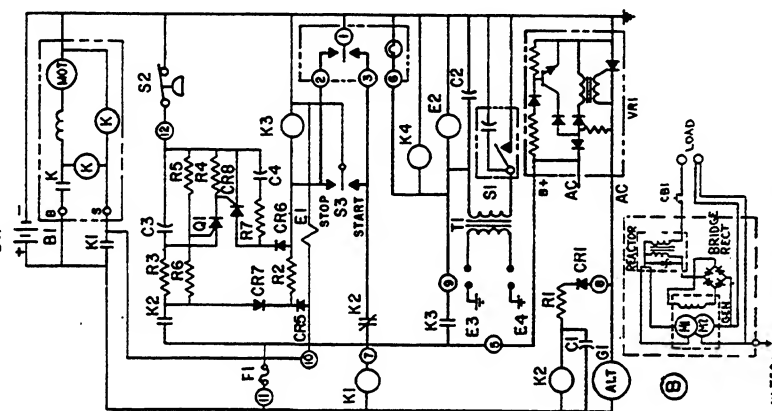
CONTROL - GEN SEY
(WIRING DIAGRAM)

61-1106

C

WIRING DIAGRAM

SCHEMATIC



NOTES: ↑

1. DELUXE REMOTE CONTROL (330-0986(B)) MAY BE USED IF AN ADDITIONAL WIRE, FROM TERMINAL 5 OF J2 TO TERMINAL 5 OF DELUXE REMOTE CONTROL, IS ADDED.

REF.	PART NO.	PARTS LIST	DESCRIPTION
A1	300-1675	C	CONTROL ASSY-GEN SET
B1			CONTROL-MOT HOSE
B11			STARTER-SOLENOID SHIFT
C2			BATTERY-12 VOLT
E1			CAPACITOR
E2			CHOKE
E3.4			FUEL PUMP
G1			2 SPARK PLUG
G2			1 ALTERNATOR
K1			GENERATOR
K4			SOLENOID-START
S1			SOLENOID-FUEL
S2			BREAKER & CAP ASSY
T1			SWITCH-OIL OIL PRESS
VRI			COIL-IGNITION
W1			VOLTAGE REGULATOR
B2			WIRING HARNESS-GEN SET
J1			WIRING HARNESS-REMOTE
J2			CONNECTOR 4 CHT
			CONNECTOR 18 CHT
CBI			1 CIRCUIT BREAKER (40A 4BP) (80A 6HH)

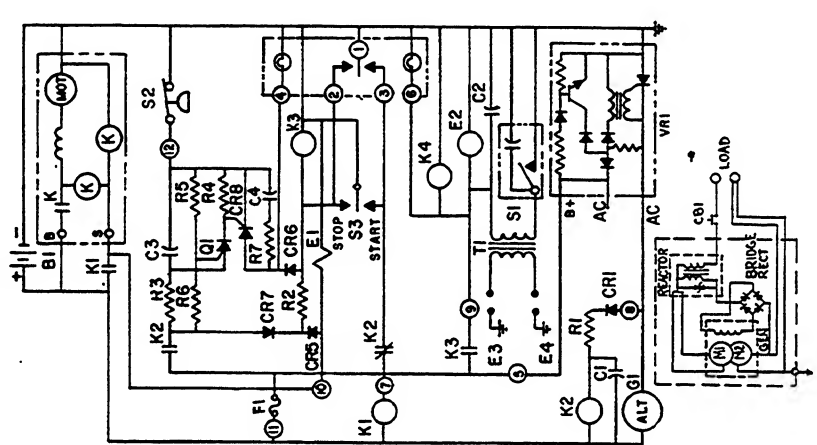
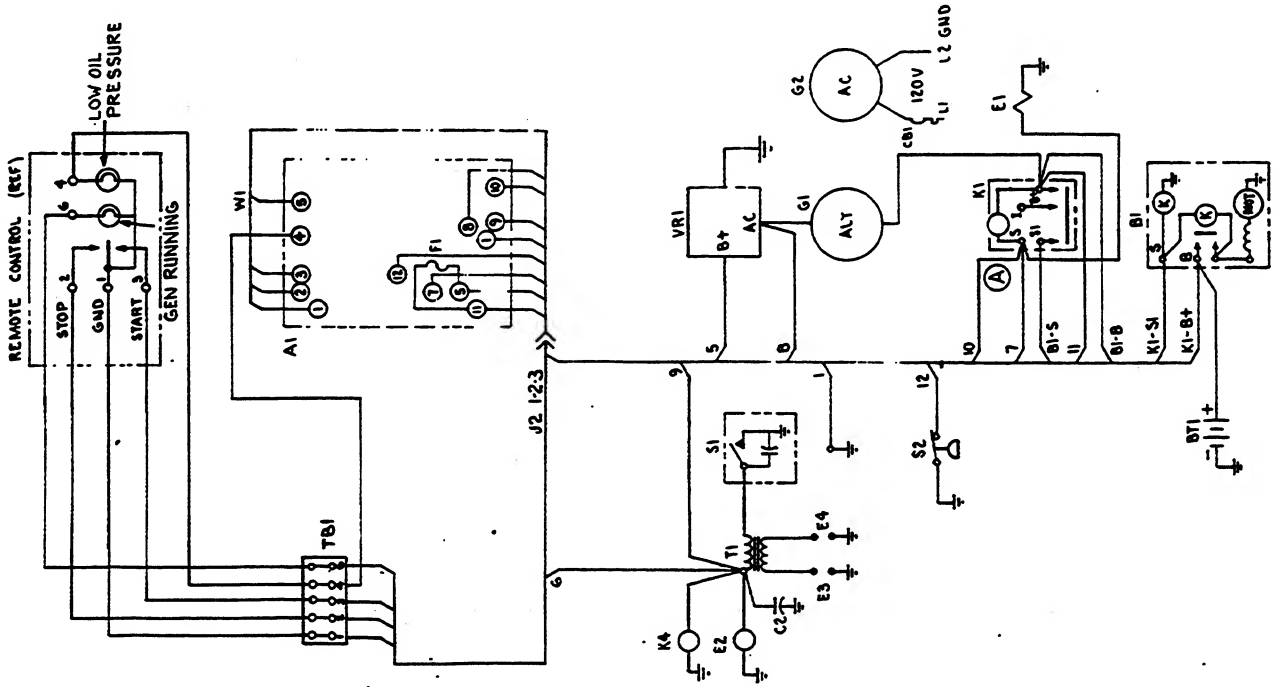
6011-119

611-1121

WIRING DIAGRAM

SCHEMATIC

BTI



NOTE:
1. MIN START DISCONNECT = 675 RPM

REF. DES.	PARTY NO.	QTY	DESCRIPTION
A1	300-1075	1	CONTROL ASST-GEN SET
B1		1	CONTROL-NOT HOME
BT1		1	STARTER-SOLENOID SHIF
G2		1	BATTERY-12 VOLT
E1		1	CAPACITOR
E2		1	CHOKE
E3		2	FUEL PUMP
G1		1	SPARK PLUG
G2		1	ALTERNATOR
K1		1	GENERATOR
K2		1	SOLENOID-START
S1		1	SOLENOID-FUEL
S2		1	SOLENOID-START
W1		1	SWITCH-LOW OIL PRESS
W2		1	SWITCH-LOW OIL PRESS
W3		1	COIL-IGNITION
W4		1	VOLTAGE REGULATOR
W5		1	WIRING HARNESS-GEN SET
TBI		1	REMOTE TERMINAL BLOCK
J2		1	CONNECTOR 12 CKT
CBI		1	CIRCUIT BREAKER (40A 4BF)

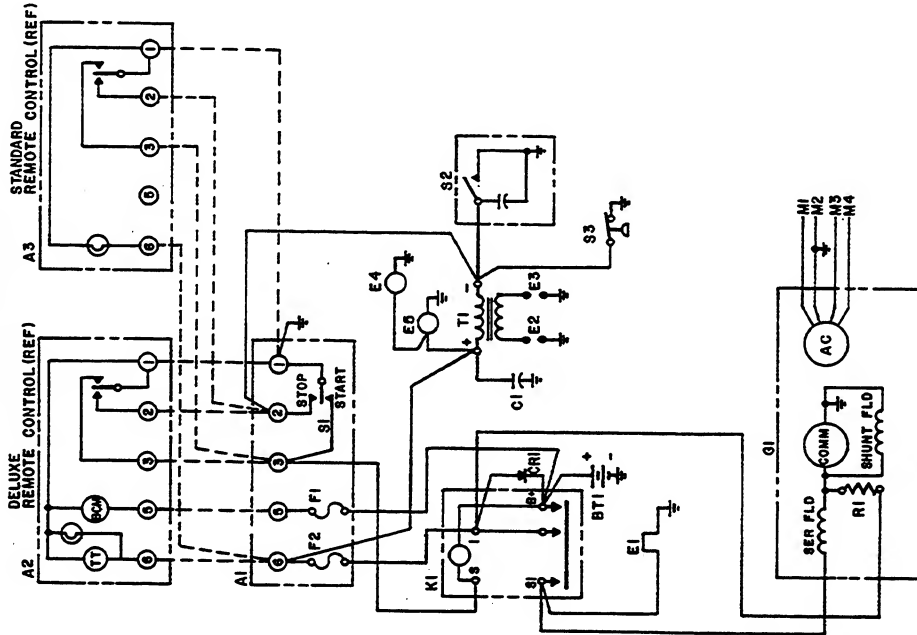
1211-1121

ATWAS KI-1 TO KI-51 (CR/21/83/5)	
REVISION	DATE
1-2-75	2/75
CONTROL-GEN SET (WIRING DIAGRAM)	
DESIGNED BY	DATE
4.0 BF-1R/15203C	1-2-75
HUNTSVILLE	

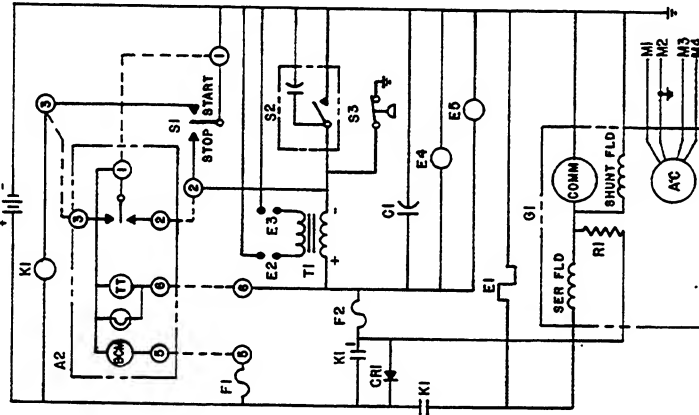
4.0 BF-1R/15203C	120V, 1PH, 3W, 60 Hz
611-1121	

611-1123 C

WIRING DIAGRAM



SCHEMATIC



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PART NO.	QTY	DESCRIPTION
300-1235	1	CONTROL ASSY
300-0968	1	DELUXE REMOTE CONTROL (REF)
300-0969	1	STANDARD REMOTE CONT (REF)
BT1	1	BATTERY 12V
CI	1	CAPACITOR
CRI	1	DIODE ASSY (REF)
E1	1	CHOK-ONAN
E2	2	SPARK PLUG
E3	1	SOLENOID-FUEL (REF)
E4	1	FUEL-PUMP (REF)
E5	1	FUSE (9 AMP 32V) (REF)
F1	1	GENERATOR
GI	1	SOLENOID-START
KI	1	RESISTOR FIXED (REF)
RI	1	SWITCH-START-STOP
S1	1	BREAKER & CAP ASSY
S2	1	SWITCH-LOW OIL PRESS (REF)
S3	1	COIL-IGNITION
T1	1	WIRING HARNESS (CONV-REMOTE) (REF)
W1	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W2	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W3	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W4	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W5	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W6	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W7	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W8	1	WIRING HARNESS (CABLE-REMOTE) (REF)
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W71	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W72	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W73	1	WIRING HARNESS (CABLE-REMOTE) (REF)
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W83	1	WIRING HARNESS (CABLE-REMOTE) (REF)
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W94	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W95	1	WIRING HARNESS (CABLE-REMOTE) (REF)
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W97	1	WIRING HARNESS (CABLE-REMOTE) (REF)
W98	1	WIRING HARNESS (CABLE-REMOTE) (REF)
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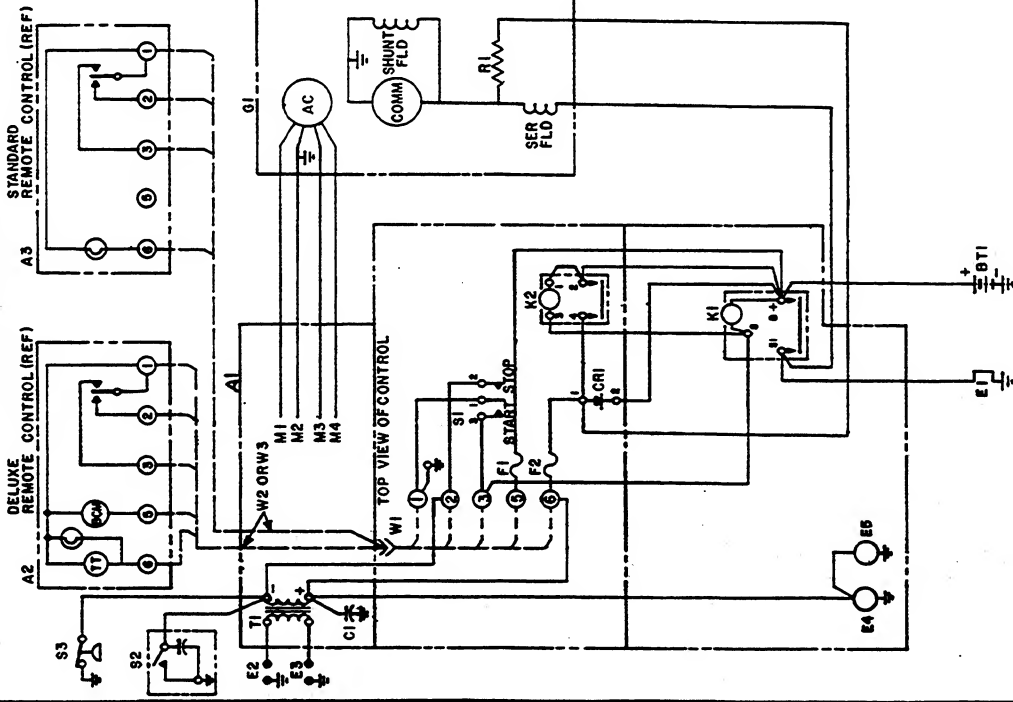
A COMPLETED MODEL NO. 611-1123
 DIVISION OF STUDEBAKER CORPORATION
 4-10-75
 CONTROL-GEN SET
 (WIRING DIAGRAM)
 611-1123

-O1 4.0BF-3CR/16002A
 120/240V, 1PH.
 4W, 60 Hz

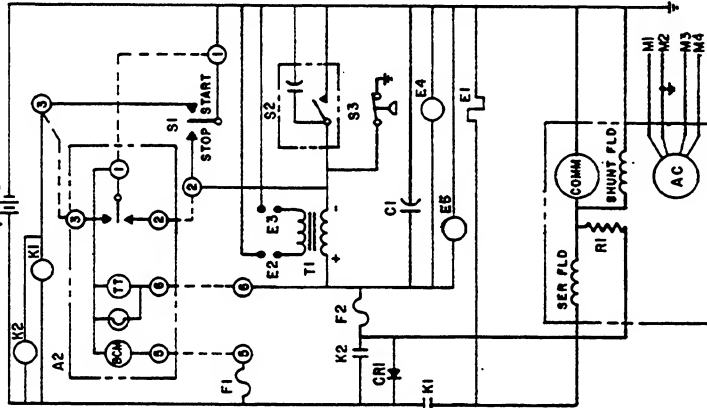
RECONNECTION CHART
 120V, 2W
 120/240V, 3W
 M1 M2 M3 M4
 M1 M2 M3 M4
 M1 M2 M3 M4
 M1 M2 M3 M4

611-1127 C

WIRING DIAGRAM



SCHEMATIC



OPTION

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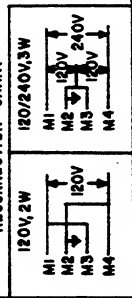
611-1127 C

REL. DRS.	PART NO.	DESCRIPTION
A1	300-1324	CONTROL ASSY
ALL PART NOS LISTED BELOW ARE REF ONLY		
A2	300-0988	DELUXE REMOTE CONTROL
A3	300-0988	STANDARD REMOTE CONTROL
BT1	BATTERY 12V	
C1	CAPACITOR	
CRI	308-0235	RECTIFIER
E1	CHOKE-ONAN	
E2	2 SPARK PLUG	
E3	FUEL-PUMP	
E4	SOLENOID-FUEL	
F1	321-0146	FUSE (10AMP 32V)
G1	GENERATOR	
K1	307-1498	SOLENOID-START
K2	307-1497	RELAY-CRANK IGNITION
R1	353-0087	RESISTOR-FIXED (8F)
S1	353-0080	RESISTOR-FIXED (WHL-CCM)
S2	309-0237	SWITCH-START STOP
S3	309-0237	BREAKER & CAP ASSY
T1	COIL-IGNITION	
W1	338-0988	WIRING HARNESS (CONN-REMOTE)
W2	338-0989	WIRING HARNESS (CABLE-REMOTE CONTROL) (10 FEET LONG)
W3	338-0980	WIRING HARNESS (CABLE-REMOTE CONTROL) (50 FEET LONG)

611-1127 C

GENERAL REVISION	REVISION	DATE
1	1	11/13/70

RECONNECTION CHART

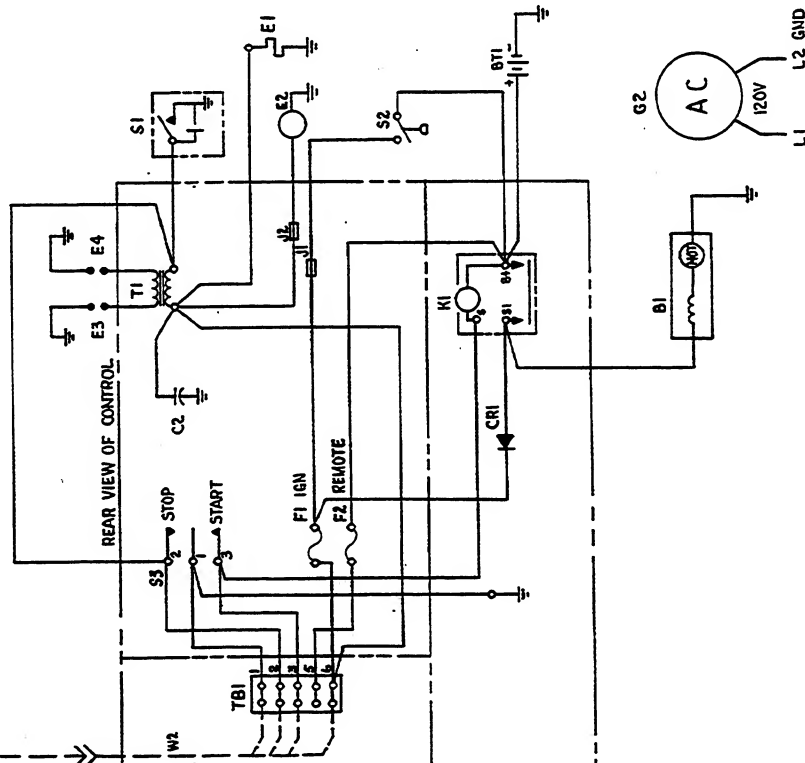
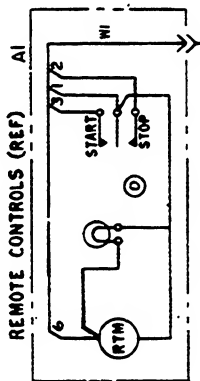


4.0 DB-3CR/16000 B	5.0 CK-3CR/16000	6.5 NH-3CR/16000
120/240V 1PH	4W 60Hz	

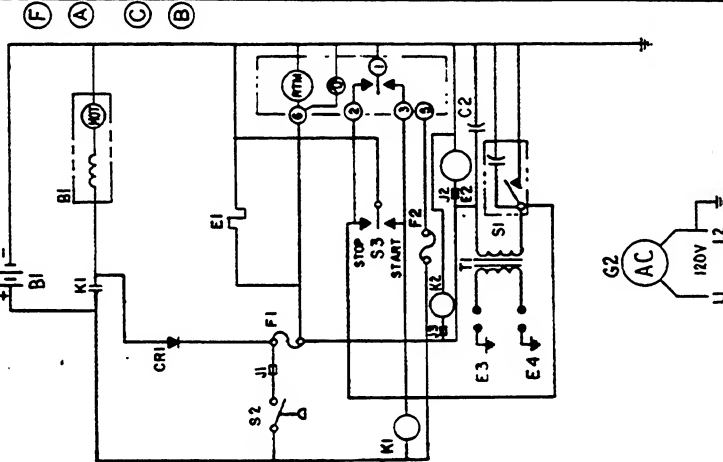
611-1127

611-1133

WIRING DIAGRAM



SCHEMATIC



REF DES	PART NO	QTY	DESCRIPTION
BT1	300-1438	1	CONTROL ASSY-GEN SET
B1	300-1438	1	DELUXE REMOTE CONTROL W/MT (REF)
B1			STARTER
B1			BATTERY-12 VOLT
C2			CAPACITOR
C2			DIODE
E1			CHUCK-ONAN
E2			CHUCK-ONAN
E3			CHUCK-ONAN
E4			CHUCK-ONAN
F1			FUSE (10 AMP)
F2			GENERATOR
J1			CONNECTOR
J2			CONNECTOR
M1			SOLENOID-START
S2			SWITCH-LOW OIL PRESSURE
S3			SWITCH-START STOP
T1			COIL (IGNITION)
TBI			TERMINAL BLOCK
W1	332-1970	A	CONNECTOR ASSY (REF)
W2	323-1053	A	CONNECTOR ASSY (REF)

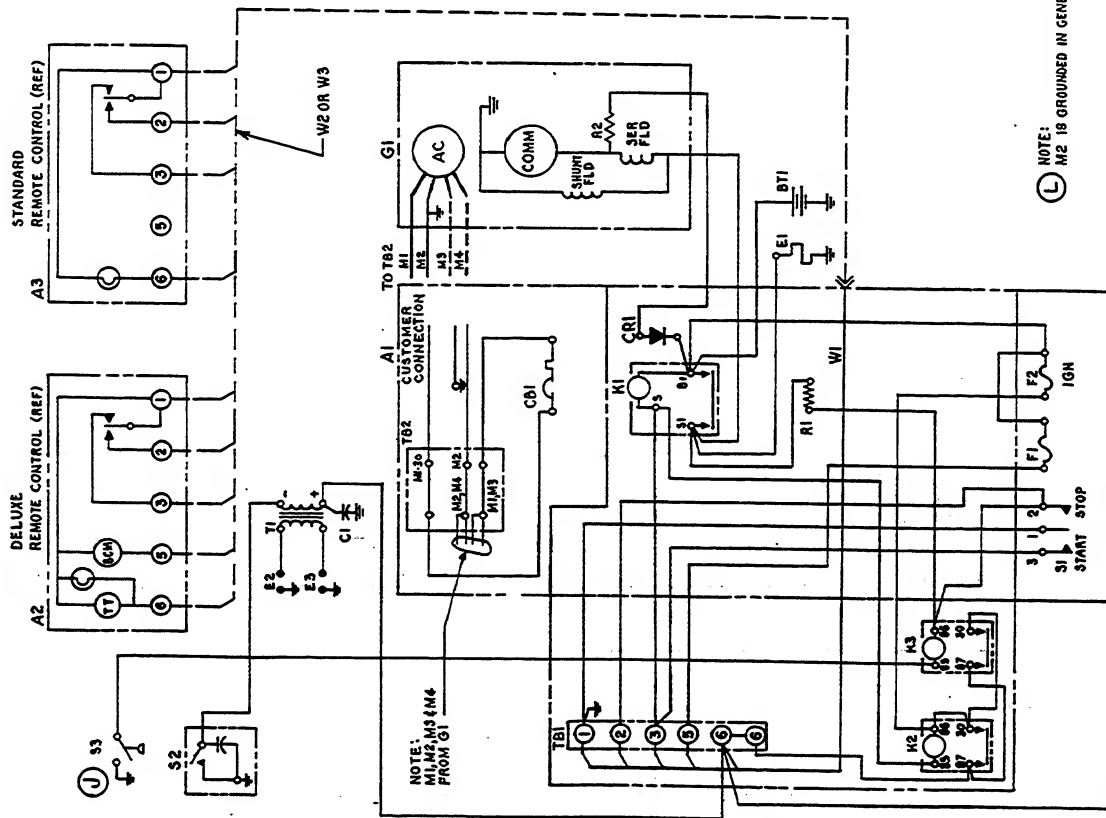
611-1133

7	E1 WAS CHUCK-BISSON	1	11-1677
8	E2 WAS CHUCK-BISSON	1	11-1677
9	E3 WAS CHUCK-BISSON	1	11-1677
10	E4 WAS CHUCK-BISSON	1	11-1677
11	F1 WAS FUSE (10 AMP)	1	11-1677
12	F2 WAS FUSE (10 AMP)	1	11-1677
13	J1 WAS CONNECTOR	1	11-1677
14	J2 WAS CONNECTOR	1	11-1677
15	M1 WAS SOLENOID-START	1	11-1677
16	S2 WAS SWITCH-LOW OIL PRESSURE	1	11-1677
17	S3 WAS SWITCH-START STOP	1	11-1677
18	T1 WAS COIL (IGNITION)	1	11-1677
19	TBI WAS TERMINAL BLOCK	1	11-1677
20	W1 WAS CONNECTOR ASSY (REF)	1	11-1677
21	W2 WAS CONNECTOR ASSY (REF)	1	11-1677

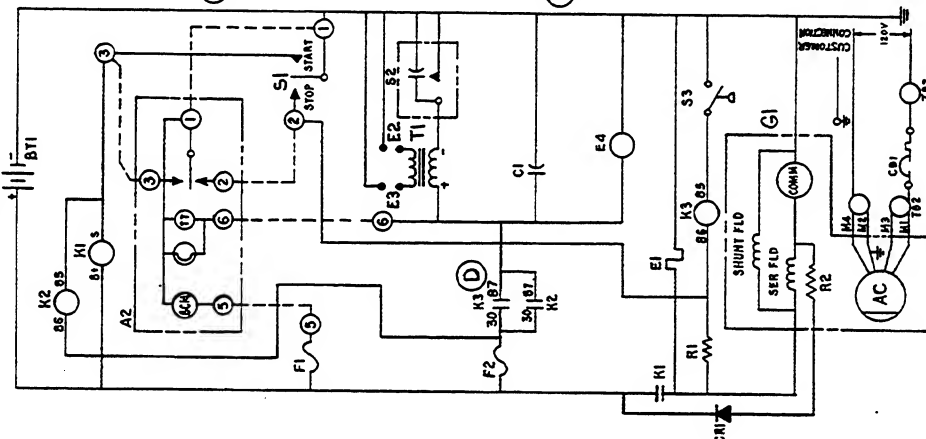
①	6.0NH-IR/17700 M	②	611-1133
③	120V, 1PH, 2W, 60Hz	④	HUNTSVILLE

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WIRING DIAGRAM



SCHEMATIC



• WHEN USED

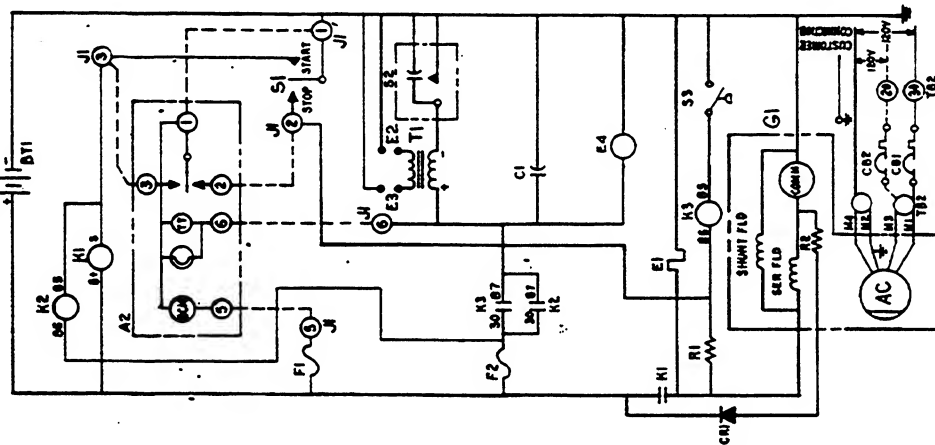
⑦ NOTE:
M2 IS GROUNDED IN GENERATOR

PARTS LIST					
REF DES	PART NO.	QTY	DESCRIPTION		
A1	300-1601 D	1	CONTROL ASSY. (-01) 30AMP		
	300-1602 D	1	CONTROL ASSY. (-02) 40AMP		
	300-1603 D	1	CONTROL ASSY. (-03) 50 AMP		
ALL PART NOS LISTED BELOW ARE REF ONLY					
A2	300-0888 B	1	DELUXE REMOTE CONTROL		
A3	300-0885 B	1	STANDARD REMOTE CONTROL		
B11			BATTERY - 12V		
C1	312-0050 A	1	CAPACITOR		
GRI	337-0030 P	1	RECTIFIER (DAYT. CHARGING)		
E1			CHOKE - OHMH		
E2, 3			SPARK - PLUG		
F4	149-1842	2	FUEL PUMP		
F1, 2	321-0175 P	2	FUSE HOLDER		
	321-0174	2	FUSE - 5 AMP 32V		
G1			GENERATOR		
K1	301-1498 B	1	START SOLENOID		
K2	301-1515 P	1	RELAY - CRANK IGNITION		
K3	301-1515 P	1	RELAY - RUN IGNITION		
R1	304-0431 P	1	RESISTOR - 150 OHM 5W		
R2			RESISTOR		
S1	308-0383 A	1	SWITCH - START, STOP		
S2			SWITCH - BREAKER & CAP ASSY		
S3			SWITCH - LOW OIL PRESS		
T1	166-0843 C	1	COIL - TENSION		
TB1	332-0699 A	1	TERMINAL BLOCK		
TB2	332-0254 A	1	TERMINAL BOARD		
	98-3331 B	1	SILSGREEN-WD. (REF)		
CBI	320-0544 C	1	CIRCUIT BREAKER 30 AMP (-01)		
	320-0547 C	1	CIRCUIT BREAKER 40AMP (-02)		
	320-0548 C	1	CIRCUIT BREAKER 50AMP (-03)		
W1	338-1078 C	1	WIRING HARNESS (CONN-REMOTE)		
W2	338-1080 C	1	WIRING HARNESS (CABLE-REMOTE CONTROL) (10 FEET LONG)		
W3	338-1081 C	1	WIRING HARNESS (CABLE-REMOTE CONTROL) (30 FEET LONG)		
* WHEN USED					
C	ADDED -01,-02,-03 TO A1				
J	SIVAS "P" #2				
H	ADDED CB1				
G	ADDED TB2				
F	E4 WAS 149-1530				
C	REMOVED 300-1834				
B	REMOVED CR2				
A	REMOVED K4				
E	REMOVED 5-21WH-HR(1830F				
D	CHANGED K3 CONTACTS				
C	ADDED 300-1534 TO A1				
B	ADDED CR2				
A	ADDED K4				
REV					
			ATTENTION	DATE	
			DIVISION OF OMAR CORPORATION		
			Minneapolis, Minnesota		
			DATE 4-8-77 BY JC [Signature] FOR GDR		
			CONTROL - GEN SET (WIRING DIAGRAM)		
			TEMP. PAGE		
			611-1135		
			REV. DATE		
			C		

5.0BGA, 6.5 NH RECONNECTION CHART

4.0BFA	5.0BGA, 6.5 NH

SCHEMATIC



NOTE:
1. M2 IS GROUNDED IN GENERATOR

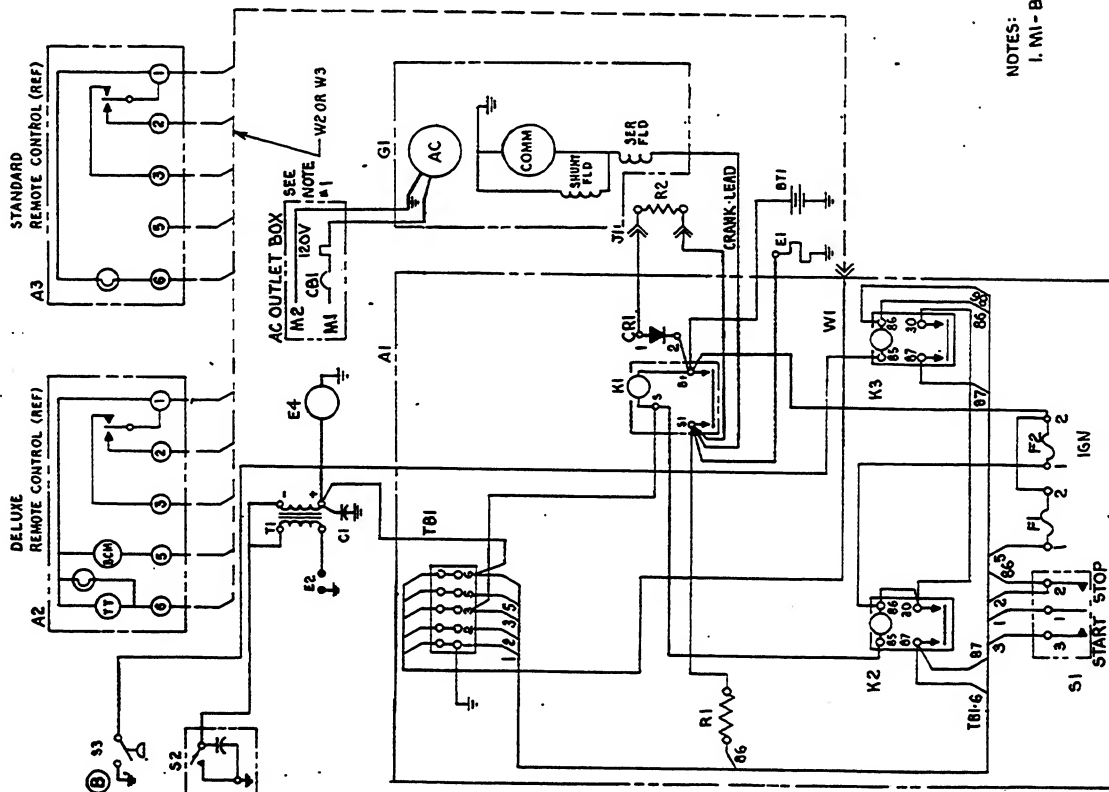
• WHEN USED

MODEL N°	-01 4.08FA-1R/16019A	120 V.	1 PH
	-02 5.08GA-3CR/16019A	4 W	60 HZ
	6.5NH-3CR/16019K		

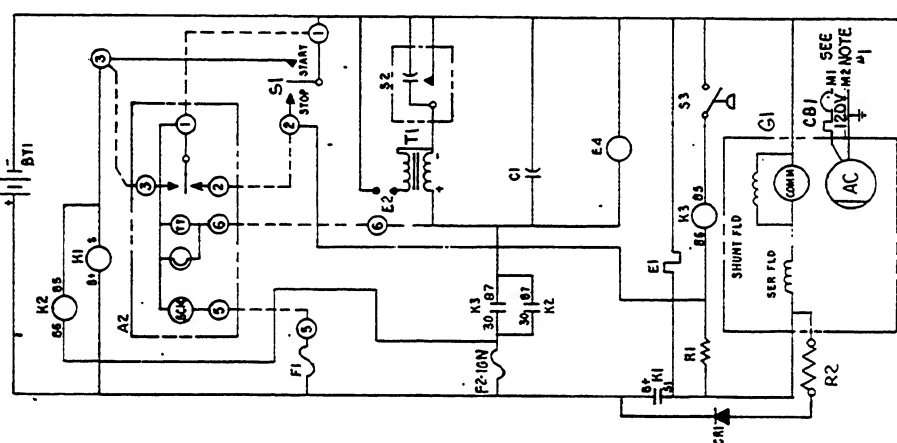
DATE	TIME	DATE	TIME
5-23-78	11:18	5-23-78	11:18
TO	FROM	TO	FROM
CONTROL - GEN SET (WIRING DIAGRAM)		CONTROL - GEN SET (WIRING DIAGRAM)	
DIVISION OF OHIO CORPORATION Minneapolis, Minnesota		DIVISION OF OHIO CORPORATION Minneapolis, Minnesota	

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WIRING DIAGRAM



SCHEMATIC



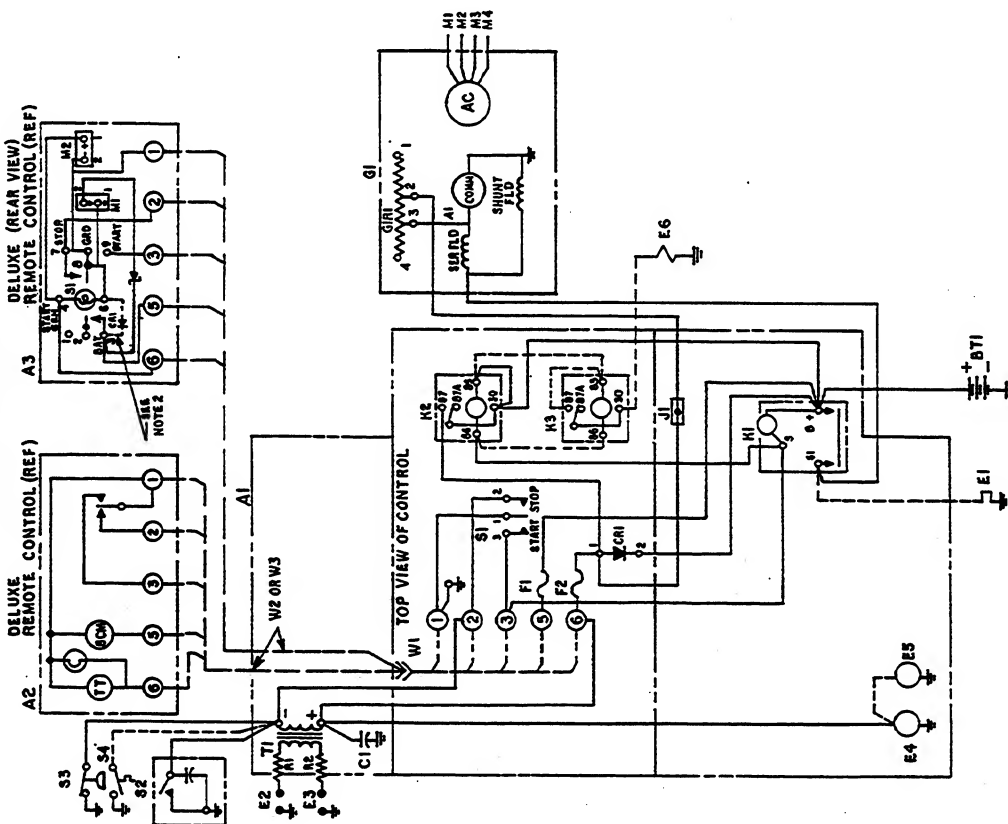
NOTES:
1. MI - BLACK, M2 - WHITE

• WHEN USED

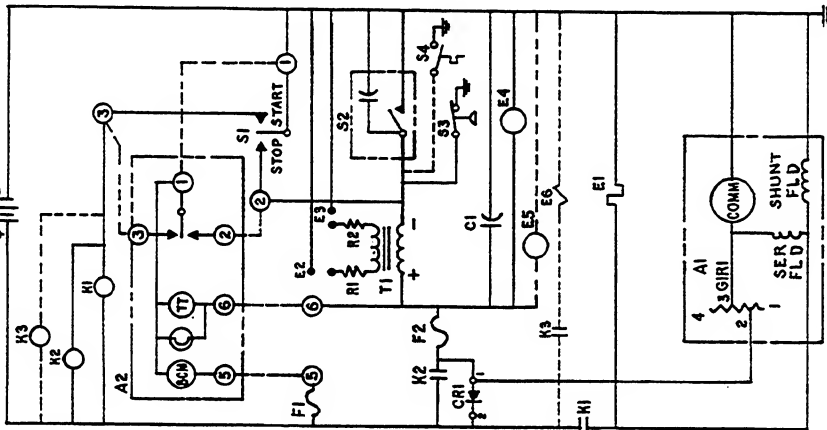
PARTS LIST				
REF DES	PART NO.	QTY		DESCRIPTION
A1	300-1984	C	I	CONTROL ASSY.
ALL PART NOS LISTED BELOW ARE REF ONLY				
A2	300-0986	P	I	DELUXE REMOTE CONTROL
A3	300-0985	B	I	STANDARD REMOTE CONTROL
B1				CAUTION - 12V
C1	312-0050	A	I	CAPACITOR
G1	357-0030	P	I	RECTIFIER (BATT. CHARGING)
G2	320-0544	C	I	30 AMP CIRCUIT BRK
E1				CHOKE - OHM
E2				SPARK - PLUG
E4	307-1302	A	I	SOLENOID FUEL SHUT OFF
F1	321-0113	P	2	FUSE HOLDER
	321-0114	P	2	FUSE - 5 AMP 32V
G1				GENERATOR
K1	301-1488	B	I	START SOLENOID
K2	301-1515	P	I	RELAY - CRANK IGNITION
K3	301-1515	P	I	RELAY - RUN IGNITION
R1	304-0735	P	I	RESISTOR - 175 OHM 5W
R2	353-0050	C	I	RESISTOR - 10 OHM .45W
S1	308-0393	A	I	SWITCH - START, STOP
S2				SWITCH - BREAKER & CAP ASSY
S3				SWITCH - LOW OIL PRESS
T1	168-0278	C	I	COIL - IGNITION
T2	332-0609	A	I	TERMINAL BLOCK
	98-9369	A	I	SILKSCREEN - WD
J1	508-0200	A	I	BUSHING - TERMINAL

[illegible][illegible]

WIRING DIAGRAM



SCHEMATIC

[illegible]

NOTE:
1. REPLACES PC BOARD CONTROL (300-0859) FOR R.V.

2. REMOVE CRII FROM 112 AND JUMPER FROM 1 TO GND (FROM GIRI) IN GEN END BELL

RECONNECTION CHART

120V, 2W

120V/240V, 3W

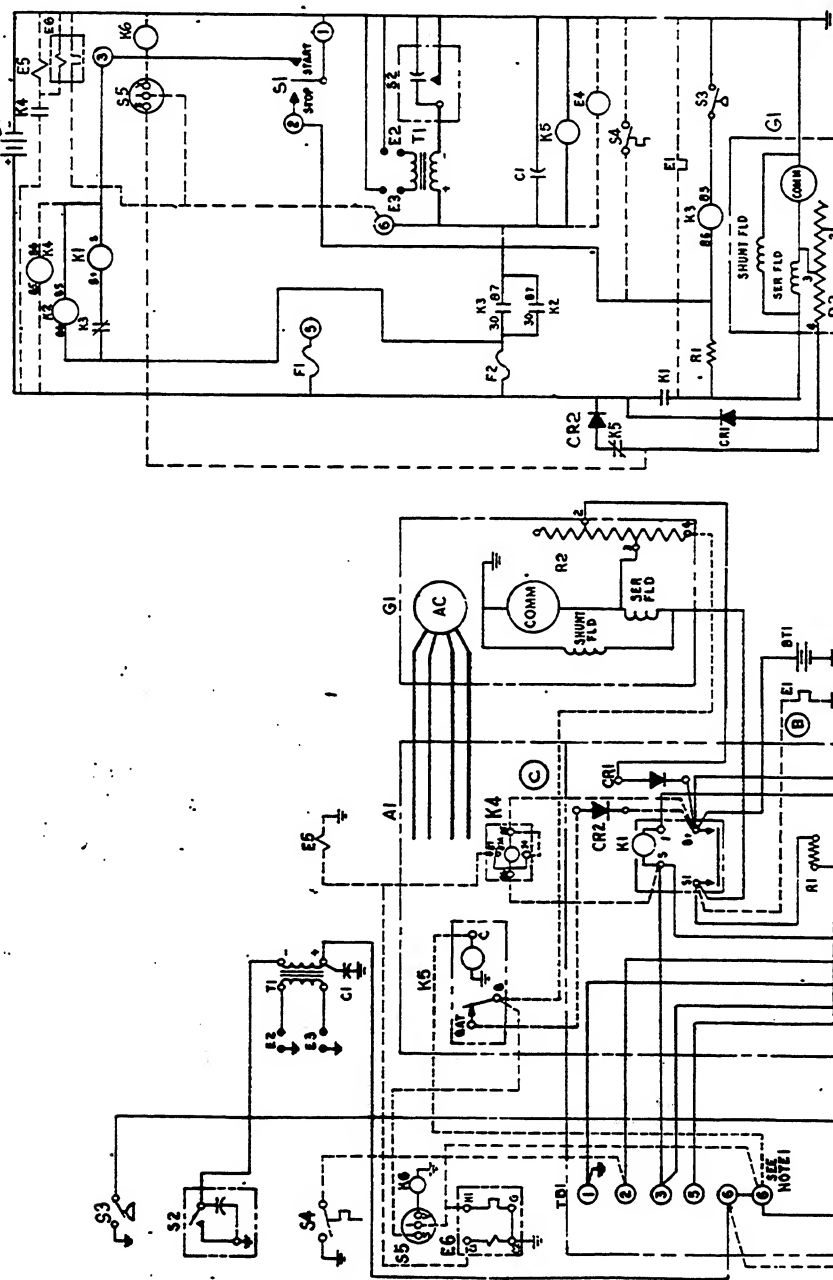
DECLASSIFIED	NOTE 2	JUL 9 1978 JUN 10 1978 MAY 16 1978
BY AWS 300-1795	REASON	DATE
(U)		
ORIGIN	DIVISION OF OMAN CORPORATION Minneapolis, Minnesota	
EXPIR	10-3-77	EXP PZ3 EXP ZDR
CONTROL - GEN SET (WHIRLING DIAGRAM)		
REF ID:	611-141	FILE NO. C
SWILLE		

FILE NO.	DATE	TIME	BY	REMARKS	MODEL NO.
1000	10/10/83	10:00	1000	1000	CCK & NH S
1001	10/10/83	10:01	1001	1001	CCK & NH S
1002	10/10/83	10:02	1002	1002	CCK & NH S
1003	10/10/83	10:03	1003	1003	CCK & NH S
1004	10/10/83	10:04	1004	1004	CCK & NH S
1005	10/10/83	10:05	1005	1005	CCK & NH S
1006	10/10/83	10:06	1006	1006	CCK & NH S
1007	10/10/83	10:07	1007	1007	CCK & NH S
1008	10/10/83	10:08	1008	1008	CCK & NH S
1009	10/10/83	10:09	1009	1009	CCK & NH S
1010	10/10/83	10:10	1010	1010	CCK & NH S
1011	10/10/83	10:11	1011	1011	CCK & NH S
1012	10/10/83	10:12	1012	1012	CCK & NH S
1013	10/10/83	10:13	1013	1013	CCK & NH S
1014	10/10/83	10:14	1014	1014	CCK & NH S
1015	10/10/83	10:15	1015	1015	CCK & NH S
1016	10/10/83	10:16	1016	1016	CCK & NH S
1017	10/10/83	10:17	1017	1017	CCK & NH S
1018	10/10/83	10:18	1018	1018	CCK & NH S
1019	10/10/83	10:19	1019	1019	CCK & NH S
1020	10/10/83	10:20	1020	1020	CCK & NH S
1021	10/10/83	10:21	1021	1021	CCK & NH S
1022	10/10/83	10:22	1022	1022	CCK & NH S
1023	10/10/83	10:23	1023	1023	CCK & NH S
1024	10/10/83	10:24	1024	1024	CCK & NH S
1025	10/10/83	10:25	1025	1025	CCK & NH S
1026	10/10/83	10:26	1026	1026	CCK & NH S
1027	10/10/83	10:27	1027	1027	CCK & NH S
1028	10/10/83	10:28	1028	1028	CCK & NH S
1029	10/10/83	10:29	1029	1029	CCK & NH S
1030	10/10/83	10:30	1030	1030	CCK & NH S
1031	10/10/83	10:31	1031	1031	CCK & NH S
1032	10/10/83	10:32	1032	1032	CCK & NH S
1033	10/10/83	10:33	1033	1033	CCK & NH S
1034	10/10/83	10:34	1034	1034	CCK & NH S
1035	10/10/83	10:35	1035	1035	CCK & NH S
1036	10/10/83	10:36	1036	1036	CCK & NH S
1037	10/10/83	10:37	1037	1037	CCK & NH S
1038	10/10/83	10:38	1038	1038	CCK & NH S
1039	10/10/83	10:39	1039	1039	CCK & NH S
1040	10/10/83	10:40	1040	1040	CCK & NH S
1041	10/10/83	10:41	1041	1041	CCK & NH S
1042	10/10/83	10:42	1042	1042	CCK & NH S
1043	10/10/83	10:43	1043	1043	CCK & NH S
1044	10/10/83	10:44	1044	1044	CCK & NH S
1045	10/10/83	10:45	1045	1045	CCK & NH S
1046	10/10/83	10:46	1046	1046	CCK & NH S
1047	10/10/83	10:47	1047	1047	CCK & NH S
1048	10/10/83	10:48	1048	1048	CCK & NH S
1049	10/10/83	10:49	1049	1049	CCK & NH S
1050	10/10/83	10:50	1050	1050	CCK & NH S
1051	10/10/83	10:51	1051	1051	CCK & NH S
1052	10/10/83	10:52	1052	1052	CCK & NH S
1053	10/10/83	10:53	1053	1053	CCK & NH S
1054	10/10/83	10:54	1		

[illegible]

WENTSVILLE

SCHEMATIC 98-3430



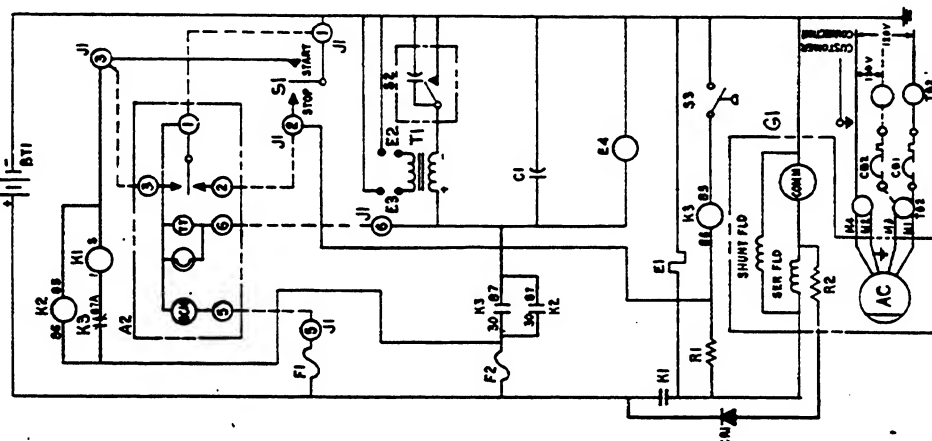
BASH NO	CHOME	MODEL	CONTROL ASSY	FUEL PUMP	N5
-01	SHISON CHOME	NH	300-1820 (D)	ELECTRIC	YES
-02	ONAN	NH	300-1635 (D)	MECHANICAL	YES
-03	SHAGON-NATKO	MA	300-1699 (D)	ELECTRIC	YES
-04	ONAN	NH	300-1694 (D)	ELECTRIC	YES
-05	ONAN	NH	300-1707 (D)	NONE	YES
-06	ONAN-NATKO	CKK	300-1747 (D)	NONE	YES
-07	ONAN	NH	300-1794 (D)	ELECTRIC	NO
-08	NONE - NATKO	NH	300-1902 (D)	NONE	YES
-09	ONAN-NATKO	CKK	300-1925 (D)	ELECTRIC	YES
-10	ONAN	NH	300-1925 (D)	ELECTRIC	YES

NOTE:

1. TBI-5 IS FORB. OR REMOTE BATTERY CONDITION METER.
TBI-6 IS FOR A REMOTE RUNNING TIME METER OR
RUNNING LIGHT. C. AS TO JO JUMPER WAS RE-BL. KR 12/23/52

01	6.5NH-3CR/15000D	120/240 V 4 W	611-1139	611-1142	CONTROL - GEN SET (WIRING DIAGRAM)	W/HX CAR
-01	6.5 NH-3CR/1DL					
-02	4.0 IE-06CK/3CR/10000 U					
-03	4.0 IE-06CK/3CR/10000 U					
-04	6.5 NH-3CR/15001 R					
-05	6.5 NH-3CR/15001 R					
-06	6.5 NH-3CR/15001 R					
-07	4.0 CK-3CR/21378U					
-08	4.0 CK-3CR/21378U					
-09	4.0 CK-3CR/21378U					
-10	4.0 CK-3CR/21378U					
-11	4.0 CK-3CR/21378U					
-12	4.0 CK-3CR/21378U					
-13	4.0 CK-3CR/21378U					
-14	4.0 CK-3CR/21378U					
-15	4.0 CK-3CR/21378U					
-16	4.0 CK-3CR/21378U					
-17	4.0 CK-3CR/21378U					
-18	4.0 CK-3CR/21378U					
-19	4.0 CK-3CR/21378U					
-20	4.0 CK-3CR/21378U					
-21	4.0 CK-3CR/21378U					
-22	4.0 CK-3CR/21378U					
-23	4.0 CK-3CR/21378U					
-24	4.0 CK-3CR/21378U					
-25	4.0 CK-3CR/21378U					
-26	4.0 CK-3CR/21378U					
-27	4.0 CK-3CR/21378U					
-28	4.0 CK-3CR/21378U					
-29	4.0 CK-3CR/21378U					
-30	4.0 CK-3CR/21378U					
-31	4.0 CK-3CR/21378U					
-32	4.0 CK-3CR/21378U					
-33	4.0 CK-3CR/21378U					
-34	4.0 CK-3CR/21378U					
-35	4.0 CK-3CR/21378U					
-36	4.0 CK-3CR/21378U					
-37	4.0 CK-3CR/21378U					
-38	4.0 CK-3CR/21378U					
-39	4.0 CK-3CR/21378U					
-40	4.0 CK-3CR/21378U					
-41	4.0 CK-3CR/21378U					
-42	4.0 CK-3CR/21378U					
-43	4.0 CK-3CR/21378U					
-44	4.0 CK-3CR/21378U					
-45	4.0 CK-3CR/21378U					
-46	4.0 CK-3CR/21378U					
-47	4.0 CK-3CR/21378U					
-48	4.0 CK-3CR/21378U					
-49	4.0 CK-3CR/21378U					
-50	4.0 CK-3CR/21378U					
-51	4.0 CK-3CR/21378U					
-52	4.0 CK-3CR/21378U					
-53	4.0 CK-3CR/21378U					
-54	4.0 CK-3CR/21378U					
-55	4.0 CK-3CR/21378U					
-56	4.0 CK-3CR/21378U					
-57	4.0 CK-3CR/21378U					
-58	4.0 CK-3CR/21378U					
-59	4.0 CK-3CR/21378U					
-60	4.0 CK-3CR/21378U					
-61	4.0 CK-3CR/21378U					
-62	4.0 CK-3CR/21378U					
-63	4.0 CK-3CR/21378U					
-64	4.0 CK-3CR/21378U					
-65	4.0 CK-3CR/21378U					
-66	4.0 CK-3CR/21378U					
-67	4.0 CK-3CR/21378U					
-68	4.0 CK-3CR/21378U					
-69	4.0 CK-3CR/21378U					
-70	4.0 CK-3CR/21378U					
-71	4.0 CK-3CR/21378U					
-72	4.0 CK-3CR/21378U					
-73	4.0 CK-3CR/21378U					
-74	4.0 CK-3CR/21378U					
-75	4.0 CK-3CR/21378U					
-76	4.0 CK-3CR/21378U					
-77	4.0 CK-3CR/21378U					
-78	4.0 CK-3CR/21378U					
-79	4.0 CK-3CR/21378U					
-80	4.0 CK-3CR/21378U					
-81	4.0 CK-3CR/21378U					
-82	4.0 CK-3CR/21378U					
-83	4.0 CK-3CR/21378U					
-84	4.0 CK-3CR/21378U					
-85	4.0 CK-3CR/21378U					
-86	4.0 CK-3CR/21378U					
-87	4.0 CK-3CR/21378U					
-88	4.0 CK-3CR/21378U					
-89	4.0 CK-3CR/21378U					
-90	4.0 CK-3CR/21378U					
-91	4.0 CK-3CR/21378U					
-92	4.0 CK-3CR/21378U					
-93	4.0 CK-3CR/21378U					
-94	4.0 CK-3CR/21378U					
-95	4.0 CK-3CR/21378U					
-96	4.0 CK-3CR/21378U					
-97	4.0 CK-3CR/21378U					
-98	4.0 CK-3CR/21378U					
-99	4.0 CK-3CR/21378U					
-100	4.0 CK-3CR/21378U					

SCHEMATIC



NOTE:
W2 IS GROUNDED IN GENERATOR

• THEN USED

THIS DOCUMENT SUBJECT TO FOLLOWING STANDARDS/CODES

UL ☒ CSA ☐ _____
TO MAINTAIN THIS COMPLIANCE, NO CHANGES OR
MODIFICATIONS ARE TO BE MADE W/O APPROVAL OF:
CODES A STEPS ENR. ☒ USPP ☐ ROLD

PMB / *DJB* / 5-22-79

SIGNED DATE

REF DES	PART NO.	QTY	DESCRIPTION
A1	300-1764 D	1	CONTROL ASSY (-02) 30AMP
	300-1765 D	1	CONTROL ASSY (-02) 0720 I (030 AMP)
	300-1766 D	1	CONTROL ASSY (-09) (2) 30 AMP
ALL PART NOS LISTED BELOW ARE REF ONLY			
A2	300-0988 B	1	DELUXE REMOTE CONTROL
A3	300-0985 B	1	STANDARD REMOTE CONTROL
B11	312-0050 A	1	BATTERY - 1X1
C1	312-0050 A	1	CAPACITOR
CRI	337-0050 P	1	RECTIFIER (BATT. CHARGING)
E1		1	CHOKE - OHM
E2, E3		2	SPARK PLUG
E4		1	FUEL PUMP
F1, F2	321-0175 P	2	FUSE HOLDER
G1	321-0174 P	2	FUSE - 5 AMP 32V
K1	307-1617 B	1	GENERATOR
K2	307-1575 P	1	START SOLENOID
K3	307-1575 P	1	RELAY - CRANK IGNITION
R1	304-0431 P	1	RELAY - RUN IGNITION
R2		1	RESISTOR - 150 ohm 5W
J1	335-0440 C	1	RESISTOR
S1	335-0440 C	1	SOCKET PLUG - REMOVE
S2	308-0382 A	1	SWITCH - START, STOP
S3		1	SWITCH - BREAKER & CAP ASSY
T1	188-0043 C	1	SWITCH - LOW OIL PRESS
T2	188-0043 C	1	COIL - IGNITION
T62	332-0254 A	1	TERMINAL BOARD
U1, U2	98-3117 D	1	SILVERGREEN - SCHEMATIC
V1, V2	320-0542 C	1	CIRCUIT BREAKER 30 AMP (L-30-A)
V3	320-0694 C	1	CIRCUIT BREAKER 20 AMP (-02)
W1	338-1078 C	1	WIRING HARNESS (CONN-REMOTE)
W2	338-1080 C	1	WIRING HARNESS (CABLE-REMOTE CONTROL) (10 FEET LONG)
W3	338-1081 C	1	WIRING HARNESS (CABLE-REMOTE CONTROL) (20 FEET LONG)

A		ADD STD CODES LABEL		DATE		TIME	
UNIT		SERIAL		DATE		TIME	
O		DIVISION OF OMAN CORPORATION		MINNEAPOLIS, MINNESOTA			
O		9-23-78		5K		1744	
		CONTROL - GEN SET		(WIRING DIAGRAM)			
		DATE TIME		611-1135		611-1146	
						C	

DATE	01	UNIT NO.	4.0BFA - 1R / 16000 / S
			120V 1PH
			60 Hz
		MODEL NO.	5.0 B6A - 3R / 16000 / S
			6.5 NH - 3CR / 16000 / M
			120 / 240V 1PH
			4W 60 Hz

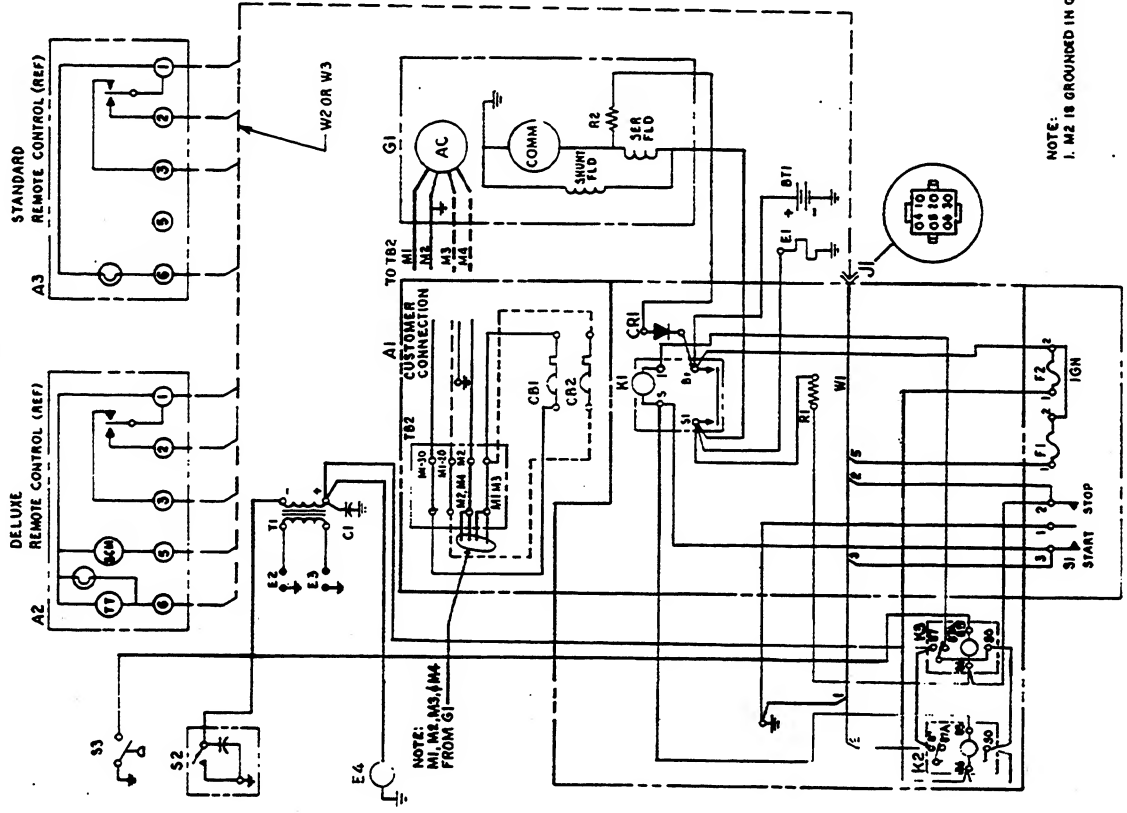
[illegible]

**5.0BGA, 6.5 NH
RECONNECTION CHART**

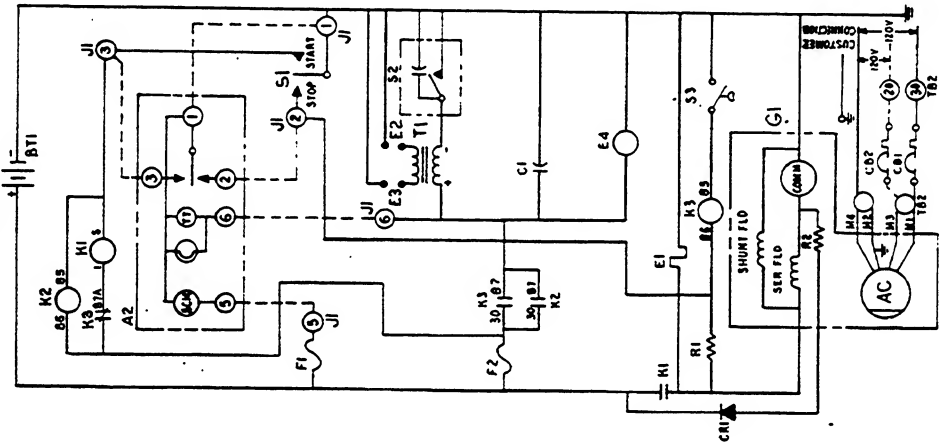
120V, 2W	120/240V, 3W	120V, 2W
<p>M1 M2 M3 M4</p>	<p>M1 M2 M3 M4</p>	<p>M1 M1 M2 M2</p>

611-1147

WIRING DIAGRAM



SCHEMATIC

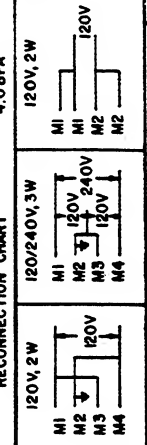


NOTE:
1. M2 IS GROUND IN GENERATOR

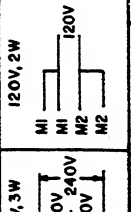
PARTS LIST			DESCRIPTION
REF DES	PART NO	QTY	
A1	300-1747 D	1	CONTROL ASSY - O1
	300-1748 D	1	CONTROL ASSY - O2
ALL PART NOS LISTED BELOW ARE REF ONLY			
A2	300-0986 B	1	DELUXE REMOTE CONTROL
A3	300-0985 B	1	STANDARD REMOTE CONTROL
B1	312-0050 A	1	BATTERY - 12V
C1	312-0050 A	1	CAPACITOR
C2	320-0444 C	1	CIRCUIT BREAKER 30 AMP (-O1 -O2)
C3	320-0442 A	1	CIRCUIT BREAKER 30 AMP (-O2)
C4	327-0030 P	1	RECTIFIER (BATT. CHARGING)
E1	327-0030 P	1	CHOKER - ONAN
E2,3	327-0030 P	2	SPARK - PLUG
E4	327-0030 P	1	FUEL PUMP
F1,2	321-0115 P	2	FUSE HOLDER
F3	321-0114 P	2	FUSE - 5 AMP 32V
G1	307-1617 B	1	GENERATOR
K1	307-1617 B	1	START SOLENOID
K2	307-1515 P	1	RELAY - CHARGE IGNITION
K3	307-1515 P	1	RELAY - RUN IGNITION
R1	304-0431 P	1	RESISTOR - 150 OHM 5W
R2	304-0431 P	1	RESISTOR
J1	323-0440 C	1	SOCKET PLUG REMOTE
S1	308-0383 A	1	SWITCH - START, STOP
S2	308-0383 A	1	SWITCH - BREAKER & CAP ASSY
S3	166-0843 C	1	SWITCH - LOW OIL PRESS
T1	166-0843 C	1	COIL - IGNITION
TB2	90-3717 B	1	SILVERGREEN - SCHEMATIC
	332-0234 A	1	TERMINAL BOARD
M1	338-1078 C	1	WIRING HARNESS (CONV. REMOTE)
M2	338-1080 C	1	WIRING HARNESS (CABLE REMOTE)
M3	338-1081 C	1	WIRING HARNESS (CABLE REMOTE)
			CONTROL 120 FEET LONG

• 8HWH 1010

5.0BGA, 6.5NH
RECONNECTION CHART



4.0BFA

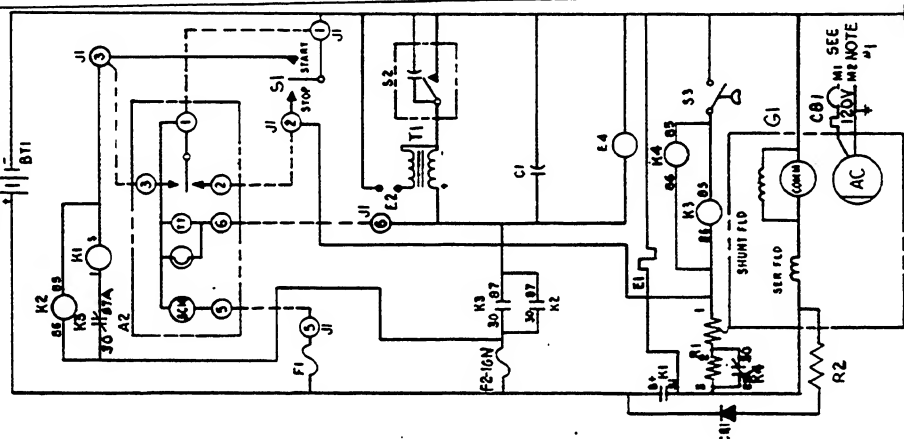
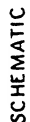


THIS DOCUMENT SUBJECT TO FOLLOWING LIMITATIONS/NOTES:
1. M2 IS GROUND IN GENERATOR

WIRING HARNESS (CABLE REMOTE)
CONTROL 120 FEET LONG

MODEL NO
-O1 4.0BFA - IR/16019/B
-O2 5.0BGA 3CR/16019/B
6.5NH 3CR/16019/B

ADDITIONAL STDCODES LABEL
DIVISION OF OHAN CORPORATION
Huntsville, Tennessee
9-22-78
CONTROL - GEN SET
(WIRING DIAGRAM)
611-1136
611-1147
HUNTSVILLE



NOTES:
1. M1 - BLACK, M2 - WHITE

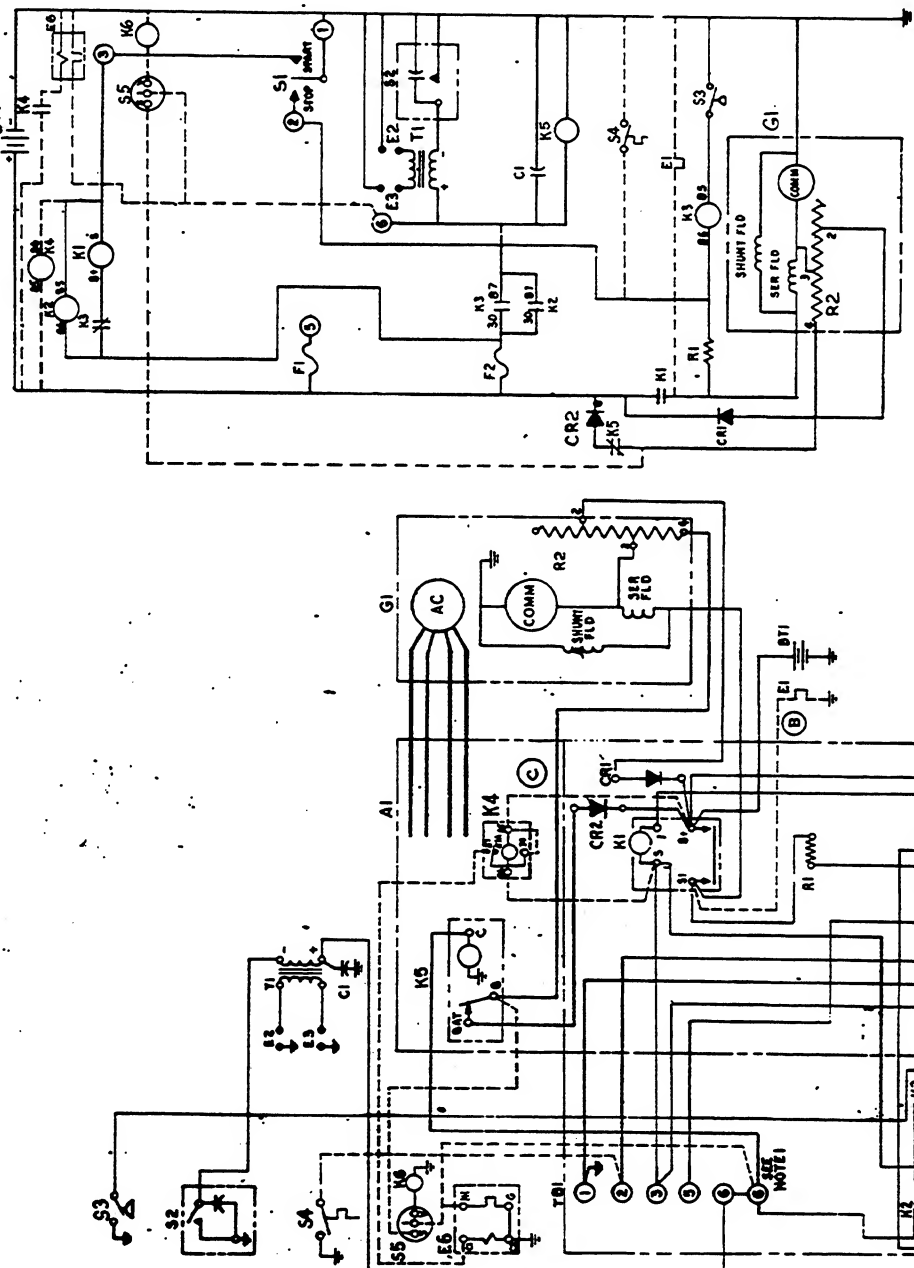
PARTS LIST			
REF DES	PART NO	QTY	DESCRIPTION
A1	300-1781	C	CONTROL ASSY
ALL PART NOS LISTED BELOW ARE REF ONLY			
A2	300-0386	P	DELUXE REMOTE CONTROL
A3	300-0383	B	STANDARD REMOTE CONTROL
B11		I	BATTERY - 12V
C1	312-0050	A	CAPACITOR
CN1	337-0030	P	RECTIFIER (BAY, CHARGING)
CB1	320-0544	C	30 AMP CIRCUIT BRK
L1		I	CHOKE - OHM
L2		I	SPARK - PLUG
L4	307-1302	A	SOLENOID FUEL SHUT OFF
F1, 2	321-0173	P	FUSE HOLDER
G1	371 0174	P	FUSE - 5 AMP 32V
M1		I	GENERATOR
M2	301-1817	B	START SOLENOID
M3	301-1515	P	RELAY - CRANK IGNITION
M4	307-1878	P	RELAY - RUN IGNITION
M5	307-0735	P	RELAY - IGNITION
R1	304-0735	P	RESISTOR - 175 OHM 6 W
R2	353-0286		RESISTOR - 10 OHM 6 W
S1	308-0383	A	SWITCH START STOP
S2		I	SWITCH - BREAKER & CAP ASSY
S3		I	SWITCH - LUB OIL PRESS
T1	186-0276	C	COIL - IGNITION
611-148			
J1	98-3769	B	SILVERGREEN - SCHEMATIC
J2	323-0440	C	SOCKET PLUG - REMOTE
	308-0260	A	BUSHING - TERMINAL
W1	338-1111	C	WIRING HARNESS (CORN-REMOIL)
W2	338-1080	C	WIRING HARNESS (CARL-REMOILE CONTROL) (10 FEET LONG)
W3	338-1081	C	WIRING HARNESS (CARL-REMOILE CONTROL) (30 FEET LONG)

035N N3HUA-R

[illegible]

611-1152

SCHEMATIC 98-3430



PARTS LIST			DESCRIPTION	
REF	DES	PART NO.	QTY	
A1	300-1871	D	1	CONTROL ASSY (-01 + -03)
	307-1632	A	1	RELAY ASSY -02 (SEE NOTE 2)
ALL PART NOS LISTED BELOW ARE REF ONLY				
B11				BATTERY - 12V
C1	312-0050	A	1	CAPACITOR
CR1,2	337-0050	P	2	RECTIFIER (BATT. CHARGING)
E1				CHOKE - OHMAN (-01)
E2,3				SPARK - PLUG
F1,2	321-0175	P	2	FUSE HOLDER
	321-0174	P	2	FUSE - 5 AMP 37V
G1				GENERATOR
K1	302-1617	B	1	START SOLENOID
K2	307-1375	P	1	RELAY - CRANK IGNITION
K3	307-1375	P	1	RELAY - RUN IGNITION
R1	332-0461	P	1	RESISTOR - 100 OHM 5W
R2				RESISTOR
K5				RELAY - CHARGE
K6	307-1618	A	1	RELAY ASSY
S1	308-0383	A	1	FUEL-SOLENOID (NAT GAS ONLY)
S2				SWITCH - START, STOP
S3				SWITCH - BREAKER & CAP ASSY
T1	188-0843	C	1	SWITCH - LOW OIL PRESS
T2				COIL - IGNITION
T3	332-0599	A	1	TERMINAL BLOCK
				611-11.2
S4	98-3430	B	1	SILVERGREEN - WD (REF)
				SWITCH - HIGH AIR TEMP
S5				SWITCH-VACUUM (FUEL SOLENOID)
				(NAT GAS ONLY)
E6				CHOKE - THERMO MAG (-02)

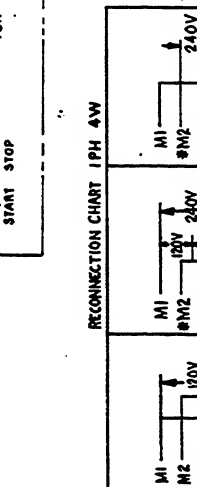
NOTE:

1. TBI-5 IS FORB. OR REMOTE BATTERY CONDITION METER. TBI-6 IS FOR A REMOTE RUNNING TIME METER OR RUNNING LIGHT.
2. REMOVE 936-3054 LEAD (E1, K1-S1) FROM 338-1218 HARNESS FOR -02.

WVH 4-7-79

WVH 4-7-79		DIVISION OF OHM CORPORATION	
REF	DES	QTY	
40150	CK	4	R/R
551	6.5 NH	4	R/R
STANDARD REMOTE, NOT FOR HOME STANDBY			
120/240 V			
4 W			

RECONNECTION CHART 1PH 4W

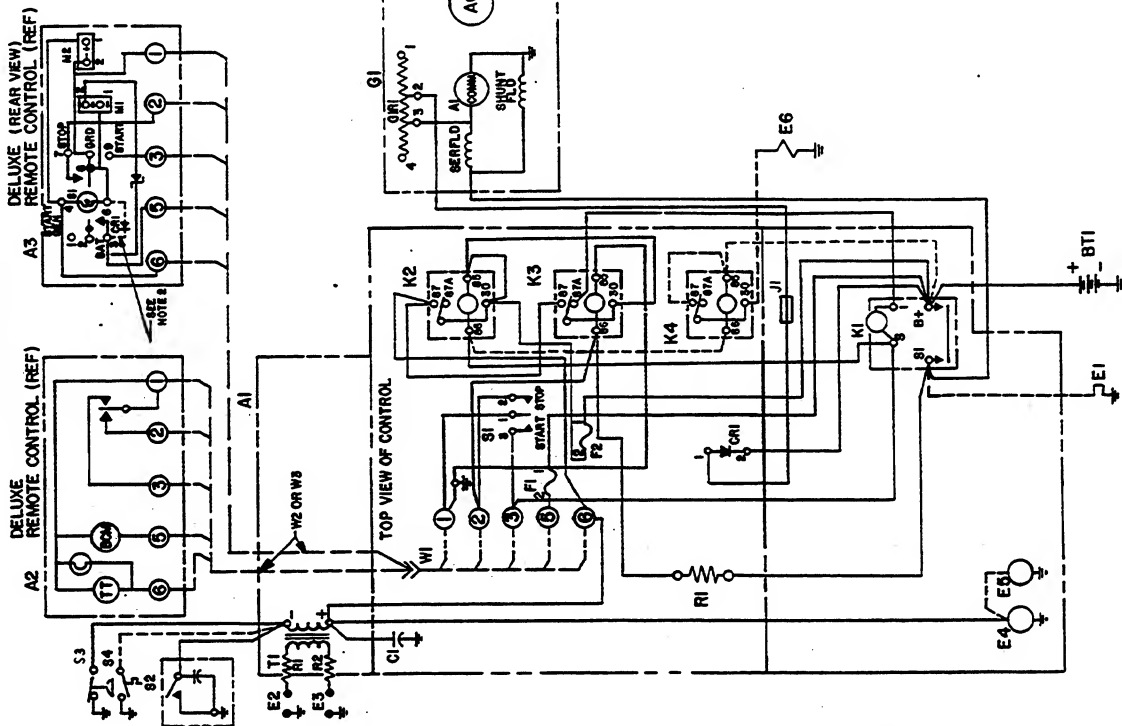


611-1152

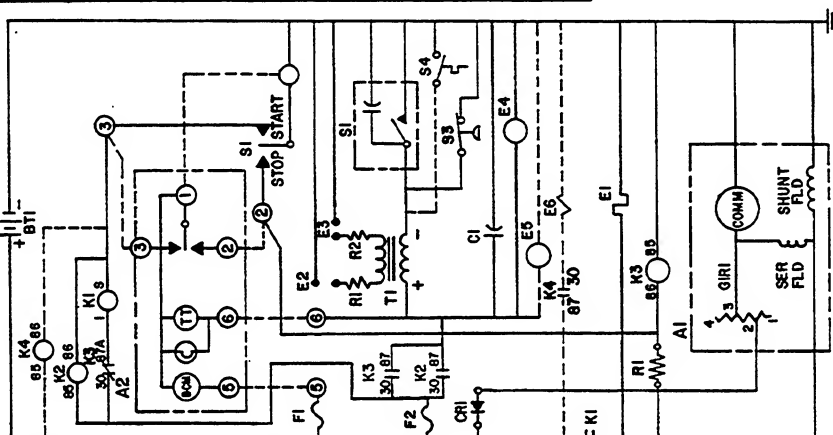
611-1152

HUNTSVILLE

WIRING DIAGRAM



SCHEMATIC



NOTES:

1. REPLACES PC BOARD CONTROL (300-0859) FOR RV.
2. REMOVE CRI FROM I & 2 AND JUMPER FROM I TO GND (FROM CRI) IN GEN END BELL
3. REMOVE 336-3280 LEAD ASSY FROM HARNESS (336-1337 (D)).

PARTS LIST

REF DES	PART NO.	QTY	DESCRIPTION
A1	300-2028	D	CONTROL ASSY - 01 - 02
K4	307-1872	A	RELAY & LEAD ASSY - 02 (SEE NOTE 3)
ALL PART NOS BELOW ARE REF ONLY			
A2	300-0886	B	DELUXE REMOTE CONTROL
A3	300-0843	B	DELUXE REMOTE CONTROL
BT1			BATTERY 12V
CRI			CAPACITOR
E2, E3	357-0030	A	2 SPARK PLUGS
E4			FUEL PUMP
E5			SOLENOID - FUEL (WHEN USED)
E6			CHOKE - SILENCE (02)
F1, F2	321-0174	-	FUSE (5 AMP, 32V)
G1			GENERATOR
K1			RESISTOR
K2	332-1506	-	SPLICE - WINDOW
K3	307-1817	P	SOLENOID - START
K4	307-1575	P	RELAY - IGNITION
T1 - RI		B	LEAD ASSY - HI TEN
RI	332-0181	P	LEAD ASSY - HI TEN
SI			RESISTOR - 100 OHM
S1			SWITCH - START
S2			BREAKER & CAP ASSY
S3			SWITCH - LOW OIL PRESS
S4			SWITCH - HIGH AIR TEMP
T1			COIL - IGNITION
E1			CHOKE - ONAN - 01

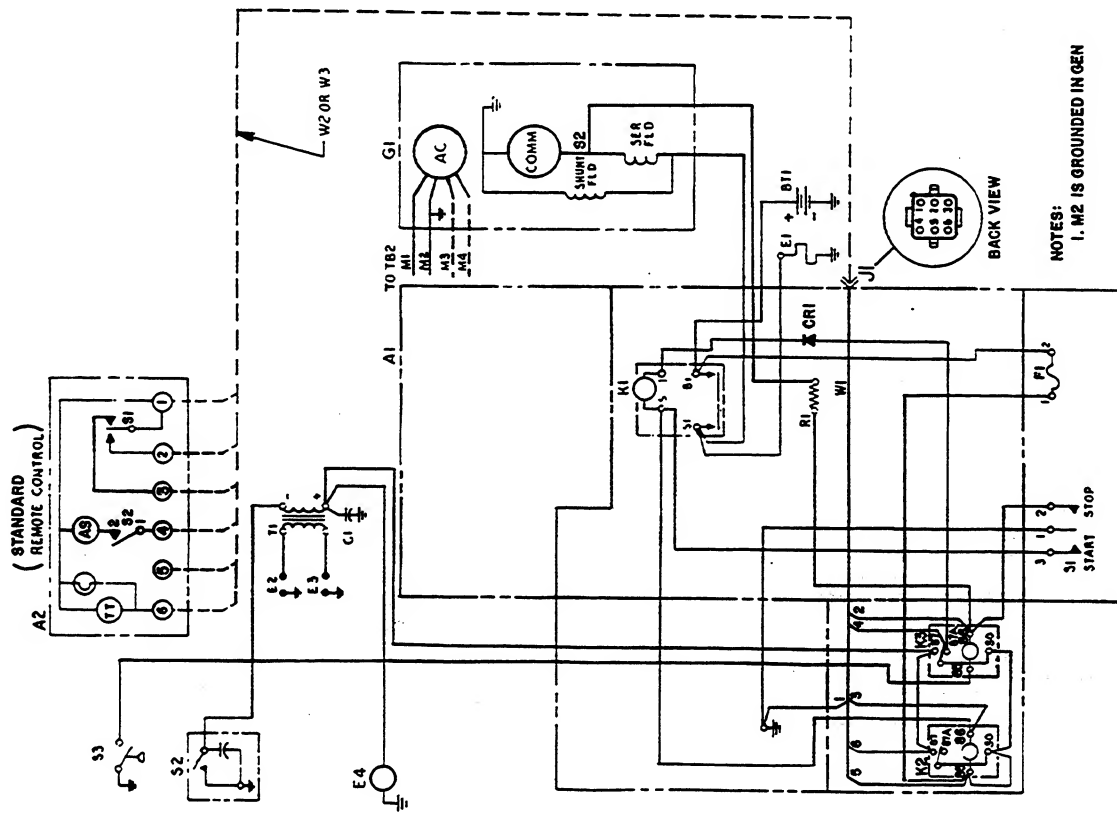
611-1157

C

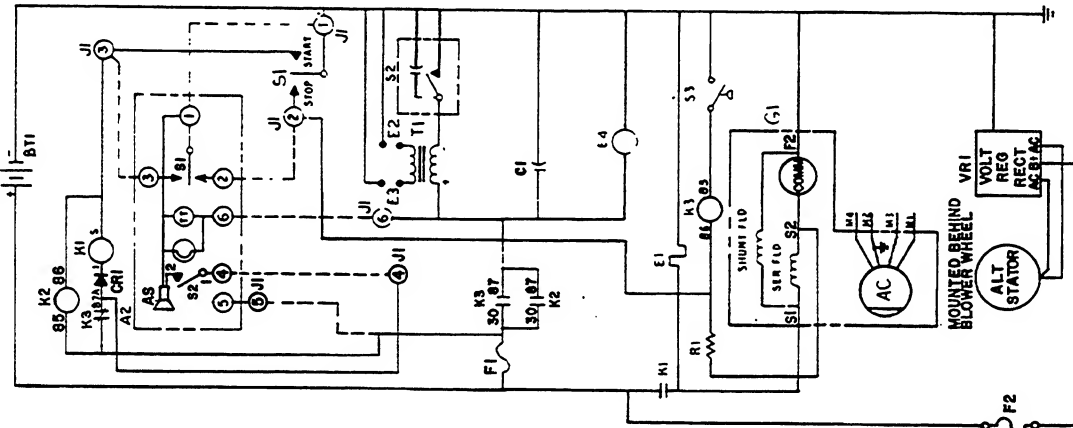
ITEM	REV	DATE	BY	QTY	DESCRIPTION OR MATERIAL
8423	B				TBI-2 TO K3-B6 WAS TBI-2 TO T1-
3943	A				K1-B4 TO P4-85 WAS K3-30 TO P4-85
1319	-				RLSE FOR PROD
ER	LET				
A DIVISION OF OHAN CORPORATION					
Huntsville, Alabama					
CONTROL - GEN SET					
(WIRING DIAGRAM)					
611-1157					
HUNTSVILLE					

611-1160

WIRING DIAGRAM



SCHEMATIC



REF DES	PART NO	QTY	DESCRIPTION
31	300-2169	1	CONTROL ASST - OI
ALL PART NOS LISTED BELOW ARE REF ONLY			
AE	300-2162	1	STANDARD REMOTE CONTROL
B1	312-0050	1	BATTERY - 12V
C1	312-0050	1	CAPACITOR
CRI	357-0030	1	RECTIFIER-SILICON
E1	307-1896	1	CHOKER - ONAN
E2	307-1896	1	SPARK - PLUG
E3	307-1896	1	FUEL PUMP
F1	321-0176	1	FUSE - 10 AMP, 32V
F2	321-0146	1	IN LINE FUSE, 30 AMP
G1	307-1896	1	GENERATOR
J1	307-1896	1	RELAY-START SOLENOID
J2	307-1896	1	RELAY-STOP
R1	304-0161	1	RES-STOP 100 OHM 5W
VR1	323-1221	1	CONNECTOR-GAP
S1	308-0181	1	SWITCH - STOP
S2	308-0181	1	SWITCH - STOP
S3	308-0181	1	SWITCH - STOP
T1	166-0643	1	TRANSFORMER 250V 500VA
VR1	338-1454	1	REGULATOR-RECTIFIER-VOLTAGE

6374	B WAS RI TO KI-SI	0/14-2-2431
4160	A ADD CRI (357-0030)	0/14-2-2431
3787	RI SE FOR PROD	0/14-2-2431
ER		

MODEL NO	4.0 BFA-IR/23000C
CONTROL	6.0 NH-5CR/23000P
120V	1 PH
4 W	60 HZ
ME	SS
611-1160	
HUNTSVILLE	

611-1160	
HUNTSVILLE	

611-1160	
HUNTSVILLE	

611-1160	
HUNTSVILLE	

611-1160	
HUNTSVILLE	

611-1160	
HUNTSVILLE	

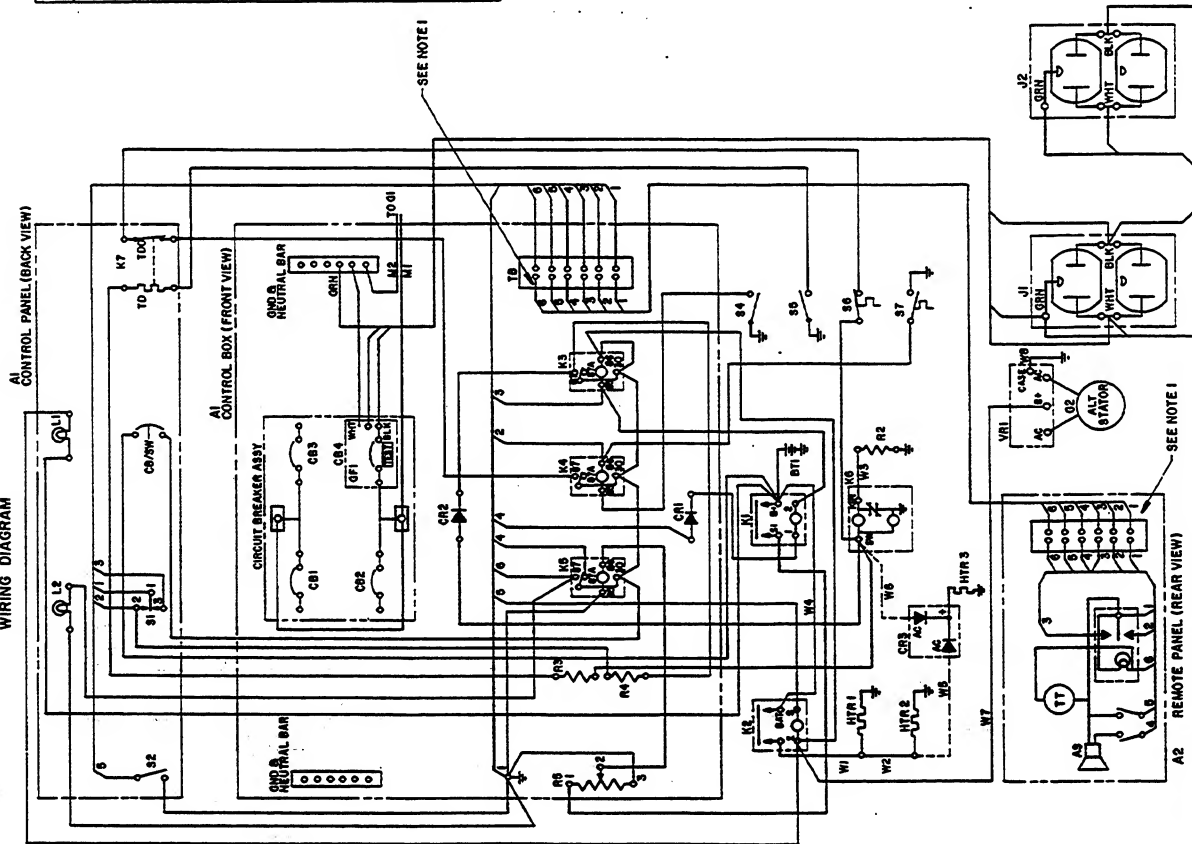
611-1160	
HUNTSVILLE	

611-1160	
HUNTSVILLE	

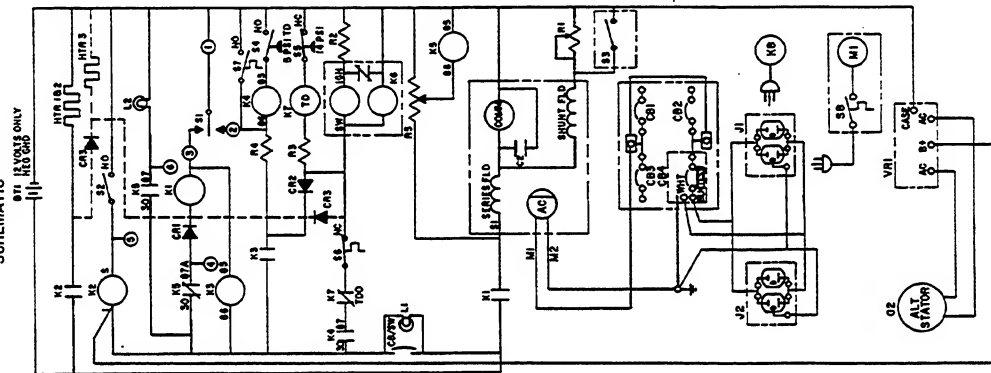
611-1160	
HUNTSVILLE	

611-1160	
HUNTSVILLE	

WIRING DIAGRAM



SCHEMATIC



NOTES:

1. COLOR CODE WHEN USED W/SO CABLE, OMAN 334-2116

2. WHITE - GROUND

3. GREEN - START

4. ORANGE - ALARM

5. BLUE - PREHEAT

6. RED - STOP

7. YELLOW - STOP

8. PURPLE - STOP

9. BROWN - STOP

10. PINK - STOP

11. LIGHT BLUE - STOP

12. LIGHT GREEN - STOP

13. LIGHT YELLOW - STOP

14. LIGHT PURPLE - STOP

15. LIGHT BROWN - STOP

16. LIGHT PINK - STOP

17. LIGHT LIGHT BLUE - STOP

18. LIGHT LIGHT GREEN - STOP

19. LIGHT LIGHT YELLOW - STOP

20. LIGHT LIGHT PURPLE - STOP

21. LIGHT LIGHT BROWN - STOP

22. LIGHT LIGHT PINK - STOP

23. LIGHT LIGHT LIGHT BLUE - STOP

24. LIGHT LIGHT LIGHT GREEN - STOP

25. LIGHT LIGHT LIGHT YELLOW - STOP

26. LIGHT LIGHT LIGHT PURPLE - STOP

27. LIGHT LIGHT LIGHT BROWN - STOP

28. LIGHT LIGHT LIGHT PINK - STOP

29. LIGHT LIGHT LIGHT LIGHT BLUE - STOP

30. LIGHT LIGHT LIGHT LIGHT GREEN - STOP

31. LIGHT LIGHT LIGHT LIGHT YELLOW - STOP

32. LIGHT LIGHT LIGHT LIGHT PURPLE - STOP

33. LIGHT LIGHT LIGHT LIGHT BROWN - STOP

34. LIGHT LIGHT LIGHT LIGHT PINK - STOP

35. LIGHT LIGHT LIGHT LIGHT LIGHT BLUE - STOP

36. LIGHT LIGHT LIGHT LIGHT LIGHT GREEN - STOP

37. LIGHT LIGHT LIGHT LIGHT LIGHT YELLOW - STOP

38. LIGHT LIGHT LIGHT LIGHT LIGHT PURPLE - STOP

39. LIGHT LIGHT LIGHT LIGHT LIGHT BROWN - STOP

40. LIGHT LIGHT LIGHT LIGHT LIGHT PINK - STOP

41. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BLUE - STOP

42. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT GREEN - STOP

43. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT YELLOW - STOP

44. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PURPLE - STOP

45. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BROWN - STOP

46. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PINK - STOP

47. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BLUE - STOP

48. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT GREEN - STOP

49. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT YELLOW - STOP

50. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PURPLE - STOP

51. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BROWN - STOP

52. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PINK - STOP

53. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BLUE - STOP

54. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT GREEN - STOP

55. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT YELLOW - STOP

56. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PURPLE - STOP

57. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BROWN - STOP

58. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PINK - STOP

59. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BLUE - STOP

60. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT GREEN - STOP

61. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT YELLOW - STOP

62. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PURPLE - STOP

63. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BROWN - STOP

64. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PINK - STOP

65. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BLUE - STOP

66. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT GREEN - STOP

67. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT YELLOW - STOP

68. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PURPLE - STOP

69. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT BROWN - STOP

70. LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT LIGHT PINK - STOP

611-119

R.W.

REF DES

11-4-91

Onan

CONTROL-GENSET (WD)

30 RDJA-AUX

611-1163

D

1

2

3

611-119

R.W.

REF DES

11-4-91

Onan

CONTROL-GENSET (WD)

30 RDJA-AUX

611-1163

D

1

2

3

611-119

R.W.

REF DES

11-4-91

Onan

CONTROL-GENSET (WD)

30 RDJA-AUX

611-1163

D

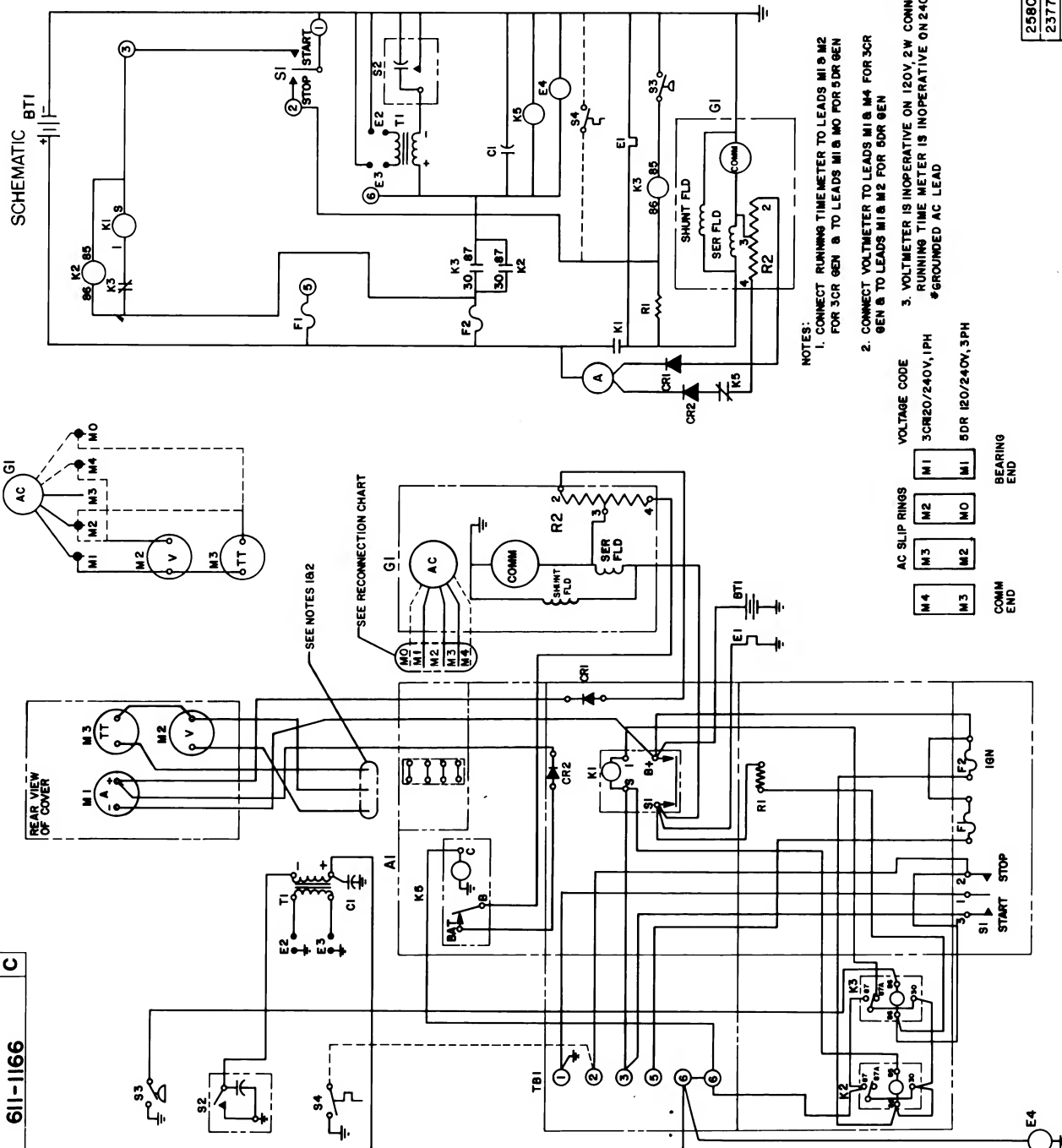
1

2

3

REF DES	PART NO.	QTY	DESCRIPTION
A1	300-2749	D	CONTROL ASSY -OI
ALL PARTS LISTED BELOW ARE REF ONLY			
BT1			BATTERY - 12 VOLT
C1	312-0050	A	CAPACITOR
CR1, 2	357-0030	P	RECTIFIER (BATT CHARGING)
E1			CHOKE - ONAN
E2, 3			2 SPARK-PLUG
E4	149-1547	B	FUEL PUMP (OR FUEL SOLENOID)
F1, 2	391-0175	P	FUSE HOLDER
	321-0174	2	FUSE - 5 AMP 32 VOLT
G1			GENERATOR
K1	307-1617	B	START SOLENOID
K2	307-1675	P	RELAY - CRANK IGNITION
K3	307-1675	P	RELAY - RUN IGNITION
R1	332-0161	P	RESISTOR - 100 ohm 5W
R2			RESISTOR
S1	308-0383	A	RELAY - CHARGE
S2			SWITCH - START STOP
S3			SWITCH - BREAKER & CAP ASSY
S4			SWITCH - LOW OIL PRESS
T1	166-0643	C	COIL - IGNITION
T81	332-0699	A	TERMINAL - BLOCK
S4			SWITCH HIGH AIR TEMP (WHEN USED)
M1	302-0058	A	AMMETER - DC
M2	302-0651	P	AC-VOLTMETER
M3	302-0787	A	METER - TIME TOTALIZING
	98-5010	B	SILKSCREEN - WIRING DIAG

611-1166



NOTES:

1. CONNECT RUNNING TIME METER TO LEADS M1 & M2 FOR 3CR GEN & TO LEADS M1 & M2 FOR 5DR GEN
2. CONNECT VOLTMETER TO LEADS M1 & M2 FOR 3CR GEN & TO LEADS M1 & M2 FOR 5DR GEN
3. VOLTMETER IS INOPERATIVE ON 120V, 2W CONNECTIONS
RUNNING TIME METER IS INOPERATIVE ON 240V, 2W CONNECTIONS
GROUND AC LEAD

VOLTAGE CODE

M1 3CR20/240V, 1PH

M2 M2

M3 M2

M4 M3

M5 M3

M6 M3

M7 M3

M8 M3

M9 M3

M10 M3

M11 M3

M12 M3

M13 M3

M14 M3

M15 M3

M16 M3

M17 M3

M18 M3

M19 M3

M20 M3

M21 M3

M22 M3

M23 M3

M24 M3

M25 M3

M26 M3

M27 M3

M28 M3

M29 M3

M30 M3

M31 M3

M32 M3

M33 M3

M34 M3

M35 M3

M36 M3

M37 M3

M38 M3

M39 M3

M40 M3

M41 M3

M42 M3

M43 M3

M44 M3

M45 M3

M46 M3

M47 M3

M48 M3

M49 M3

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M51 M3

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M56 M3

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M155 M3

M156 M3

M157 M3

M158 M3

M159 M3

M160 M3

M161 M3

M162 M3

M163 M3

M164 M3

M165 M3

M166 M3

M167 M3

M168 M3

M169 M3

M170 M3

M171 M3

M172 M3

M173 M3

M174 M3

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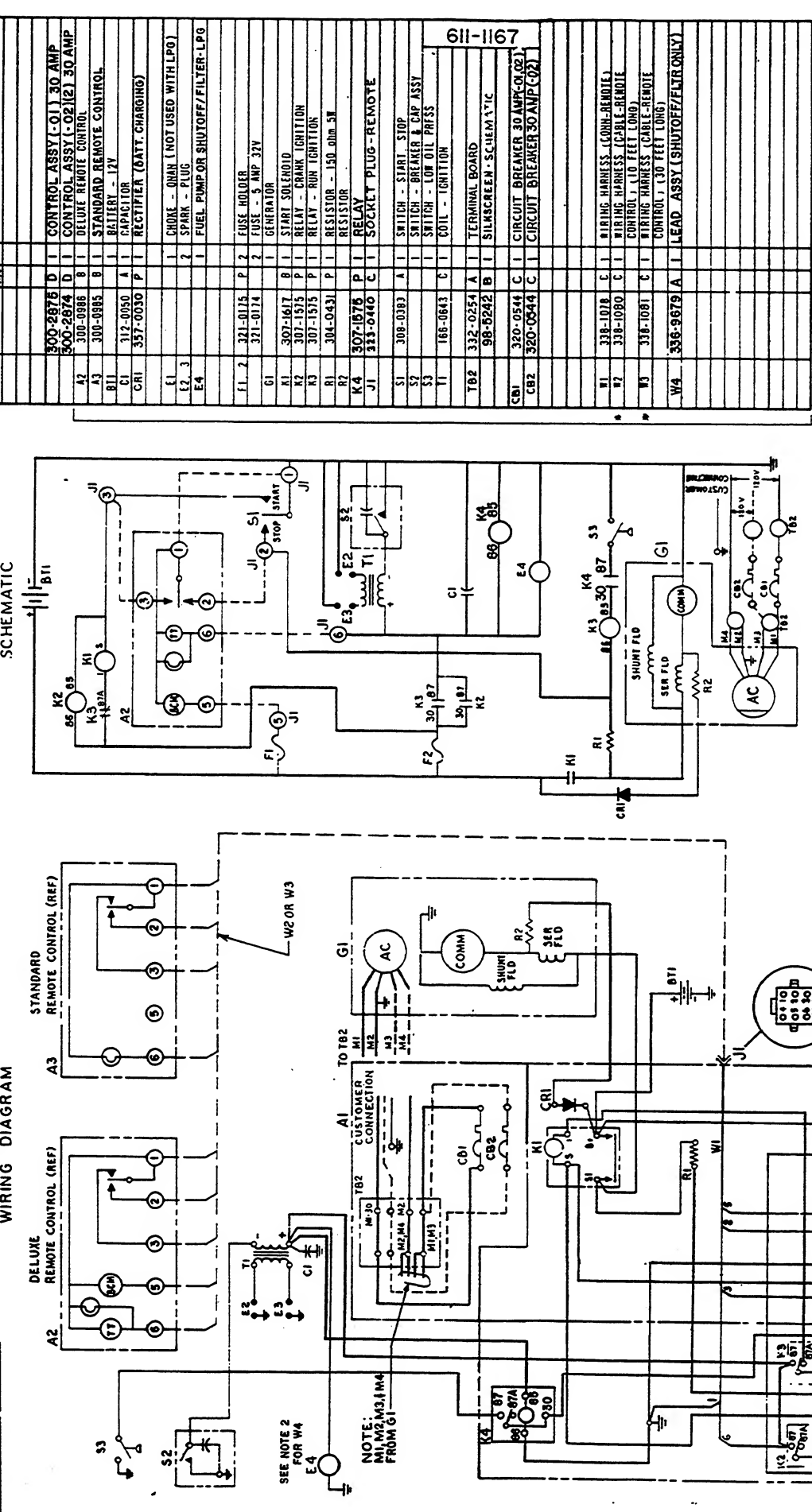
M283 M3

M284 M3

611-1167

WIRING DIAGRAM

611-1167



PARTS LIST			DESCRIPTION	
REF DES	PART NO.	QTY		
300-2875	D	1	CONTROL ASSY (01) 30 AMP	
300-2876	D	1	CONTROL ASSY (02) 30 AMP	
A2	300-0988	B	DELUXE REMOTE CONTROL	
A3	300-0985	B	STANDARD REMOTE CONTROL	
B1	112-0050	A	BATTERY - 12V	
C1	357-0030	P	RECTIFIER (BATT. CHARGING)	
E1			CHOKE - OHM (NOT USED WITH LPO)	
E2, 3			SPARK - PLUG	
E4			FUEL PUMP OR SHUTOFF/FILTER-LPO	
F1, 2	321-0175	P	FUSE HOLDER	
F3	321-0174	P	FUSE - 5 AMP 32V	
G1			GENERATOR	
K1	307-1617	B	START SOLENOID	
K2	307-1515	P	RELAY - CRANK IGNITION	
K3	307-1515	P	RELAY - RUN IGNITION	
R1	304-0431	P	RESISTOR - 150 OHM 5W	
R2			RESISTOR	
K4	307-1576	P	RELAY	
J1	313-0440	C	SOCKET PLUG-REMOTE	
S1	308-0393	A	SWITCH - START, STOP	
S2			SWITCH - BREAKER & CAP ASSY	
S3	166-0643	C	SWITCH - LOW OIL PRESS	
T1			COIL - IGNITION	
TB2	332-0254	A	TERMINAL BOARD	
98-8242	B		TERMINAL BOARD - SCHEMATIC	
CB1	320-0544	C	CIRCUIT BREAKER 30 AMP (01, 02)	
CB2	320-0544	C	CIRCUIT BREAKER 30 AMP (02)	
W1			WIRING HARNESS (CON-REMOTE)	
W2			WIRING HARNESS (CABLE-REMOTE)	
W3			WIRING HARNESS (CABLE-REMOTE)	
W4			WIRING HARNESS (CABLE-REMOTE)	
W5			WIRING HARNESS (CABLE-REMOTE)	
W6			WIRING HARNESS (CABLE-REMOTE)	
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W100			WIRING HARNESS (CABLE-REMOTE)	

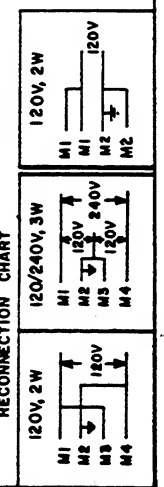
ALL PART NOS LISTED ARE REF ONLY

* WHEN USED

THIS DOCUMENT SUBJECT TO FOLLOWING STANDARDS/CODES
UL
CSA
TO MAINTAIN THIS COMPLIANCE, NO CHANGES OR
DEVIATIONS TO BE MADE W/O APPROVAL OF:
COWI & SIDS ENR. 10/03/77
SIGNED: *[Signature]* DATE: *[Date]*

NOTE:
1. M2 IS GROUNDED IN GENERATOR
2. W4 IS USED ONLY WHEN SHUTOFF/FILTER
IS USED.

5.08GA, 6.5 NH
RECONNECTION CHART

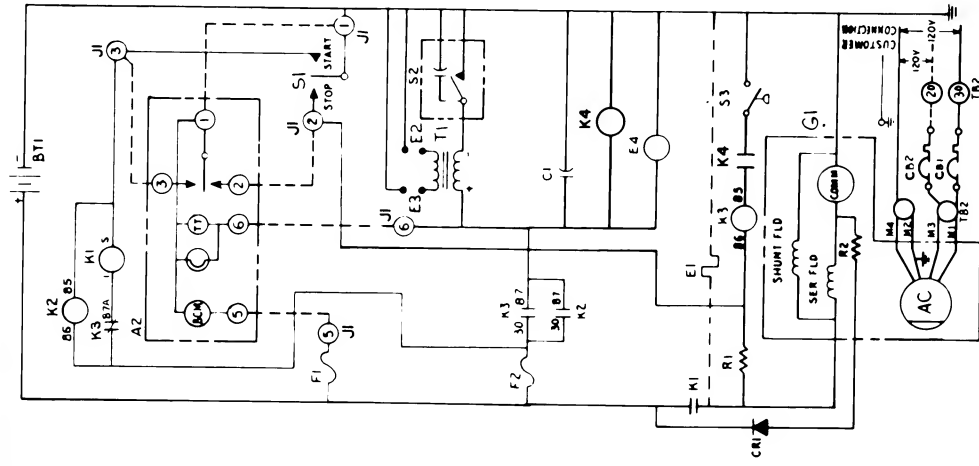


4.0 BFA

01	4080AL-1R/16013/C	120/240	1PH	60HZ
02	63NHL-3CR/16013/P	4W		


PROJ. FILE NO. 23158	REV. 1	DATE 10/2/78
DIVISION OF OHAN CORPORATION Minneapolis, Minnesota		
10-17-85	JC	10/2/78
CONTROL - GEN SET (WIRING DIAGRAM)		
611-1146		611-1167

SCHEMATIC



NOTE
1. M2 IS GROUNDED IN GENERATOR
2. W4 IS USED ONLY WHEN SHUTOFF / FILTER IS USED.

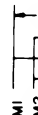
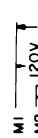

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23158	PROD RLSE	DATE	TIME	DATE	TIME
ER NO	REV	DATE	TIME	DATE	TIME
<div> <div>  </div> <div> <div>DIVISION OF OMAG CORPORATION</div> <div>Minneapolis, Minnesota</div> </div> </div>					
REV	DATE	TIME	DATE	TIME	DATE
11-8-63	10	11:45	11-8-63	10	11:45
CONTROL GEN SET			WIRING DIAGRAM		
611-1147			611-1169		

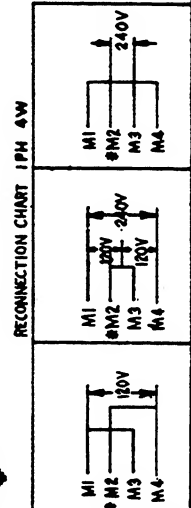
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THIS DOCUMENT SUBJECT TO FOLLOWING STANDARDS/CODES:

UL	CSA	<input type="checkbox"/>	<input type="checkbox"/>
TO MAINTAIN THIS COMPLIANCE, NO CHANGES OR DEVIATIONS TO BE MADE W/O APPROVAL OF CODES & STAND. ENGR. OF USPP			
RMB <i>Phyllis</i> / 11-2-13			
STAMPED DATE			

5.0BGA, 6.5NH RECONNECTION CHART		4.0BFA	
120V, 2W 	120/240V, 3W 	120V, 2W 	

WIRING DIAGRAM

[illegible]

AC SUPP RING

ROUNDED

	Ogden	FEDERAL BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE
6-11-84	RLW :whf	SAC, NEW YORK
CONTROL - GUN SAT (THRU BUREAU)		
GPH	611-1170	IN C

W#	VOLTAGE	CODE
3C	120/240V, 3PH	
4	120/208V, 3PH	
5D	120/240V, 3PH	(B)
7	208/380V, 3PH	
4E	277/480V, 3PH	
7X	240/480V, 3PH	

24560	D	I	ADDED 332-0284	W/1	W/2	W/3	W/4	W/5	W/6	W/7	W/8	W/9	W/10	W/11	W/12	W/13	W/14	W/15	W/16	W/17	W/18	W/19	W/20	W/21	W/22	W/23	W/24	W/25	W/26	W/27	W/28	W/29	W/30	W/31	W/32	W/33	W/34	W/35	W/36	W/37	W/38	W/39	W/40	W/41	W/42	W/43	W/44	W/45	W/46	W/47	W/48	W/49	W/50	W/51	W/52	W/53	W/54	W/55	W/56	W/57	W/58	W/59	W/60	W/61	W/62	W/63	W/64	W/65	W/66	W/67	W/68	W/69	W/70	W/71	W/72	W/73	W/74	W/75	W/76	W/77	W/78	W/79	W/80	W/81	W/82	W/83	W/84	W/85	W/86	W/87	W/88	W/89	W/90	W/91	W/92	W/93	W/94	W/95	W/96	W/97	W/98	W/99	W/100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
24390	C	I	ADDED E1, CHOKE	W/1	W/2	W/3	W/4	W/5	W/6	W/7	W/8	W/9	W/10	W/11	W/12	W/13	W/14	W/15	W/16	W/17	W/18	W/19	W/20	W/21	W/22	W/23	W/24	W/25	W/26	W/27	W/28	W/29	W/30	W/31	W/32	W/33	W/34	W/35	W/36	W/37	W/38	W/39	W/40	W/41	W/42	W/43	W/44	W/45	W/46	W/47	W/48	W/49	W/50	W/51	W/52	W/53	W/54	W/55	W/56	W/57	W/58	W/59	W/60	W/61	W/62	W/63	W/64	W/65	W/66	W/67	W/68	W/69	W/70	W/71	W/72	W/73	W/74	W/75	W/76	W/77	W/78	W/79	W/80	W/81	W/82	W/83	W/84	W/85	W/86	W/87	W/88	W/89	W/90	W/91	W/92	W/93	W/94	W/95	W/96	W/97	W/98	W/99	W/100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
24061	B	I	WAS 50/360V 3PH	W/1	W/2	W/3	W/4	W/5	W/6	W/7	W/8	W/9	W/10	W/11	W/12	W/13	W/14	W/15	W/16	W/17	W/18	W/19	W/20	W/21	W/22	W/23	W/24	W/25	W/26	W/27	W/28	W/29	W/30	W/31	W/32	W/33	W/34	W/35	W/36	W/37	W/38	W/39	W/40	W/41	W/42	W/43	W/44	W/45	W/46	W/47	W/48	W/49	W/50	W/51	W/52	W/53	W/54	W/55	W/56	W/57	W/58	W/59	W/60	W/61	W/62	W/63	W/64	W/65	W/66	W/67	W/68	W/69	W/70	W/71	W/72	W/73	W/74	W/75	W/76	W/77	W/78	W/79	W/80	W/81	W/82	W/83	W/84	W/85	W/86	W/87	W/88	W/89	W/90	W/91	W/92	W/93	W/94	W/95	W/96	W/97	W/98	W/99	W/100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SCHEMATIC



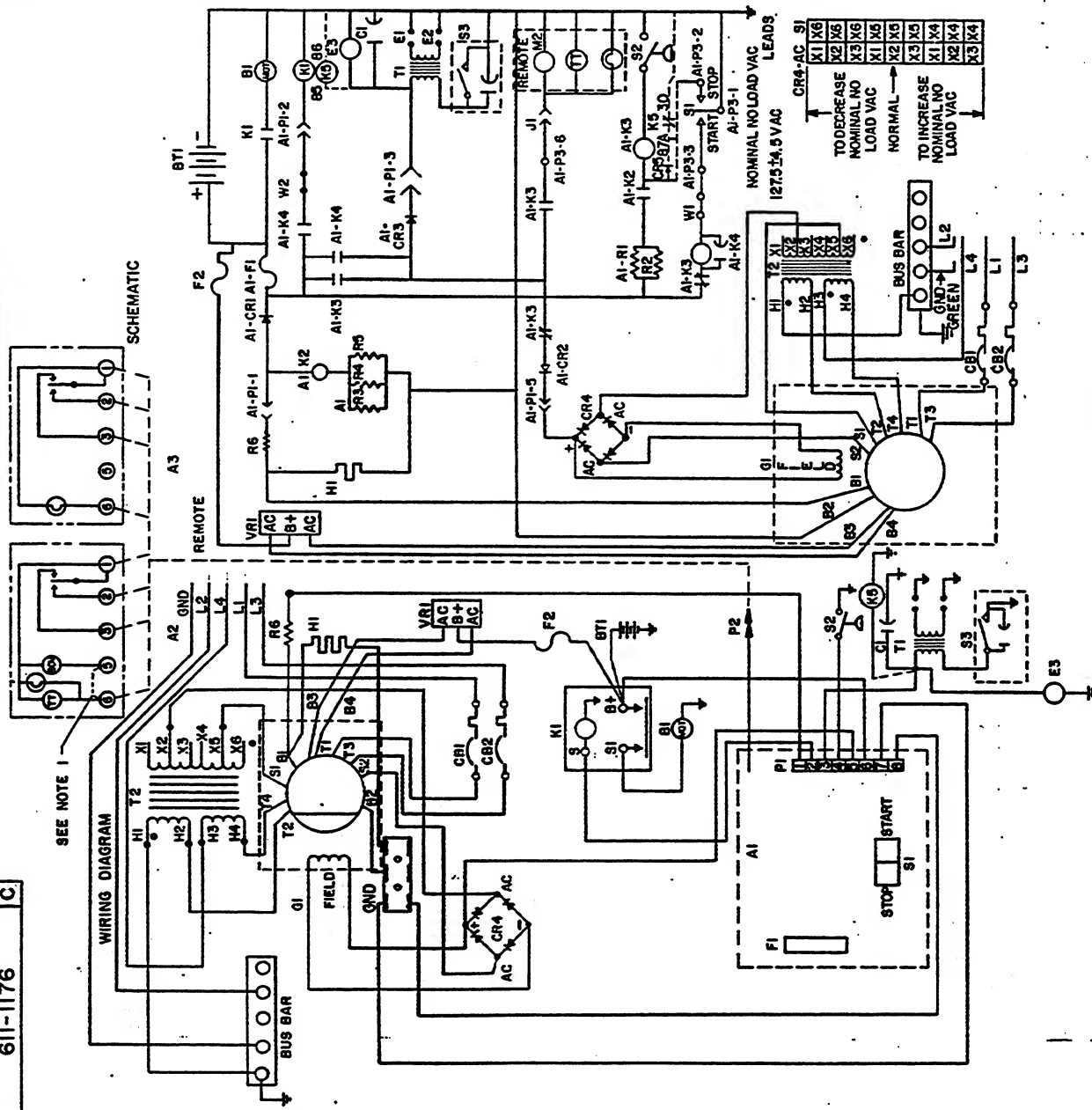
J. JUMPER IS NEEDED FOR BATTERY CONDITION METER

611-1174

C

				JUMPER-WIRE TRANSFORMER
				IGN COIL
S3				IGN POINTS
S2				SWITCH - LOW OIL PRESSURE
S1				SWITCH-START/STOP
R6				RESISTOR-BATTERY CHARGE
X5				RELAY-USED WITH LPG ONLY
K1				START SOLENOID
H1				CHOKE
G1				GENERATOR
F1				FUSE
E3				FUEL PUMP/OR FUEL SOLENOID
E1E2				SPARK PLUG
CBL2				CIRCUIT BREAKER (AC OUTPUT)
CR4				BRIDGE RECTIFIER
CR5				RECTIFIER-USED WITH LPG ONLY
CI				CAPACITOR
BT1				BATTERY 12V
BI				STARTER
A3				STANDARD REMOTE CONTROL
A2				DELUXE REMOTE CONTROL
A1	300-2878	C	REF	CONTROL ASSY

Do Not Scale Print	Tolerances unless otherwise specified mm inch X ± .1 X .1 X .2 X .3 X .4 X .5 X .6 X .7 X .8 X .9 X 1.0 X 1.1 X 1.2 X 1.3 X 1.4 X 1.5 X 1.6 X 1.7 X 1.8 X 1.9 X 2.0 X 2.1 X 2.2 X 2.3 X 2.4 X 2.5 X 2.6 X 2.7 X 2.8 X 2.9 X 3.0 X 3.1 X 3.2 X 3.3 X 3.4 X 3.5 X 3.6 X 3.7 X 3.8 X 3.9 X 4.0 X 4.1 X 4.2 X 4.3 X 4.4 X 4.5 X 4.6 X 4.7 X 4.8 X 4.9 X 5.0 X 5.1 X 5.2 X 5.3 X 5.4 X 5.5 X 5.6 X 5.7 X 5.8 X 5.9 X 6.0 X 6.1 X 6.2 X 6.3 X 6.4 X 6.5 X 6.6 X 6.7 X 6.8 X 6.9 X 7.0 X 7.1 X 7.2 X 7.3 X 7.4 X 7.5 X 7.6 X 7.7 X 7.8 X 7.9 X 8.0 X 8.1 X 8.2 X 8.3 X 8.4 X 8.5 X 8.6 X 8.7 X 8.8 X 8.9 X 9.0 X 9.1 X 9.2 X 9.3 X 9.4 X 9.5 X 9.6 X 9.7 X 9.8 X 9.9 X 10.0 X 10.1 X 10.2 X 10.3 X 10.4 X 10.5 X 10.6 X 10.7 X 10.8 X 10.9 X 11.0 X 11.1 X 11.2 X 11.3 X 11.4 X 11.5 X 11.6 X 11.7 X 11.8 X 11.9 X 12.0 X 12.1 X 12.2 X 12.3 X 12.4 X 12.5 X 12.6 X 12.7 X 12.8 X 12.9 X 13.0 X 13.1 X 13.2 X 13.3 X 13.4 X 13.5 X 13.6 X 13.7 X 13.8 X 13.9 X 14.0 X 14.1 X 14.2 X 14.3 X 14.4 X 14.5 X 14.6 X 14.7 X 14.8 X 14.9 X 15.0 X 15.1 X 15.2 X 15.3 X 15.4 X 15.5 X 15.6 X 15.7 X 15.8 X 15.9 X 16.0 X 16.1 X 16.2 X 16.3 X 16.4 X 16.5 X 16.6 X 16.7 X 16.8 X 16.9 X 17.0 X 17.1 X 17.2 X 17.3 X 17.4 X 17.5 X 17.6 X 17.7 X 17.8 X 17.9 X 18.0 X 18.1 X 18.2 X 18.3 X 18.4 X 18.5 X 18.6 X 18.7 X 18.8 X 18.9 X 19.0 X 19.1 X 19.2 X 19.3 X 19.4 X 19.5 X 19.6 X 19.7 X 19.8 X 19.9 X 20.0 X 20.1 X 20.2 X 20.3 X 20.4 X 20.5 X 20.6 X 20.7 X 20.8 X 20.9 X 21.0 X 21.1 X 21.2 X 21.3 X 21.4 X 21.5 X 21.6 X 21.7 X 21.8 X 21.9 X 22.0 X 22.1 X 22.2 X 22.3 X 22.4 X 22.5 X 22.6 X 22.7 X 22.8 X 22.9 X 23.0 X 23.1 X 23.2 X 23.3 X 23.4 X 23.5 X 23.6 X 23.7 X 23.8 X 23.9 X 24.0 X 24.1 X 24.2 X 24.3 X 24.4 X 24.5 X 24.6 X 24.7 X 24.8 X 24.9 X 25.0 X 25.1 X 25.2 X 25.3 X 25.4 X 25.5 X 25.6 X 25.7 X 25.8 X 25.9 X 26.0 X 26.1 X 26.2 X 26.3 X 26.4 X 26.5 X 26.6 X 26.7 X 26.8 X 26.9 X 27.0 X 27.1 X 27.2 X 27.3 X 27.4 X 27.5 X 27.6 X 27.7 X 27.8 X 27.9 X 28.0 X 28.1 X 28.2 X 28.3 X 28.4 X 28.5 X 28.6 X 28.7 X 28.8 X 28.9 X 29.0 X 29.1 X 29.2 X 29.3 X 29.4 X 29.5 X 29.6 X 29.7 X 29.8 X 29.9 X 30.0 X 30.1 X 30.2 X 30.3 X 30.4 X 30.5 X 30.6 X 30.7 X 30.8 X 30.9 X 31.0 X 31.1 X 31.2 X 31.3 X 31.4 X 31.5 X 31.6 X 31.7 X 31.8 X 31.9 X 32.0 X 32.1 X 32.2 X 32.3 X 32.4 X 32.5 X 32.6 X 32.7 X 32.8 X 32.9 X 33.0 X 33.1 X 33.2 X 33.3 X 33.4 X 33.5 X 33.6 X 33.7 X 33.8 X 33.9 X 34.0 X 34.1 X 34.2 X 34.3 X 34.4 X 34.5 X 34.6 X 34.7 X 34.8 X 34.9 X 35.0 X 35.1 X 35.2 X 35.3 X 35.4 X 35.5 X 35.6 X 35.7 X 35.8 X 35.9 X 36.0 X 36.1 X 36.2 X 36.3 X 36.4 X 36.5 X 36.6 X 36.7 X 36.8 X 36.9 X 37.0 X 37.1 X 37.2 X 37.3 X 37.4 X 37.5 X 37.6 X 37.7 X 37.8 X 37.9 X 38.0 X 38.1 X 38.2 X 38.3 X 38.4 X 38.5 X 38.6 X 38.7 X 38.8 X 38.9 X 39.0 X 39.1 X 39.2 X 39.3 X 39.4 X 39.5 X 39.6 X 39.7 X 39.8 X 39.9 X 40.0 X 40.1 X 40.2 X 40.3 X 40.4 X 40.5 X 40.6 X 40.7 X 40.8 X 40.9 X 41.0 X 41.1 X 41.2 X 41.3 X 41.4 X 41.5 X 41.6 X 41
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NOTES:

- ### **I. JUMPER IS NEEDED FOR BATTERY CONDITION METER**

[illegible]

RECONNECTION CHART 1PH 4WIRE

120V 240V

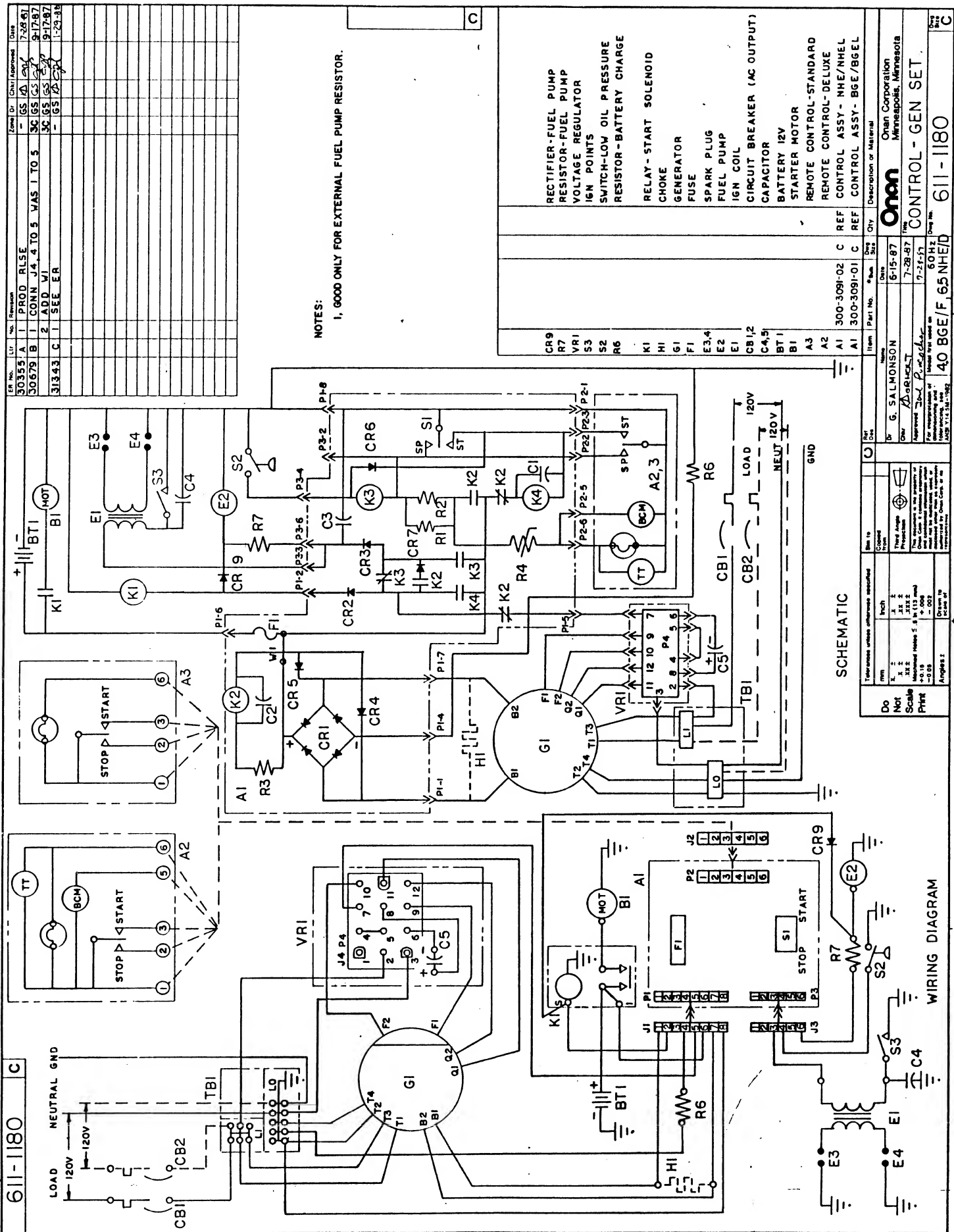
120V 240V

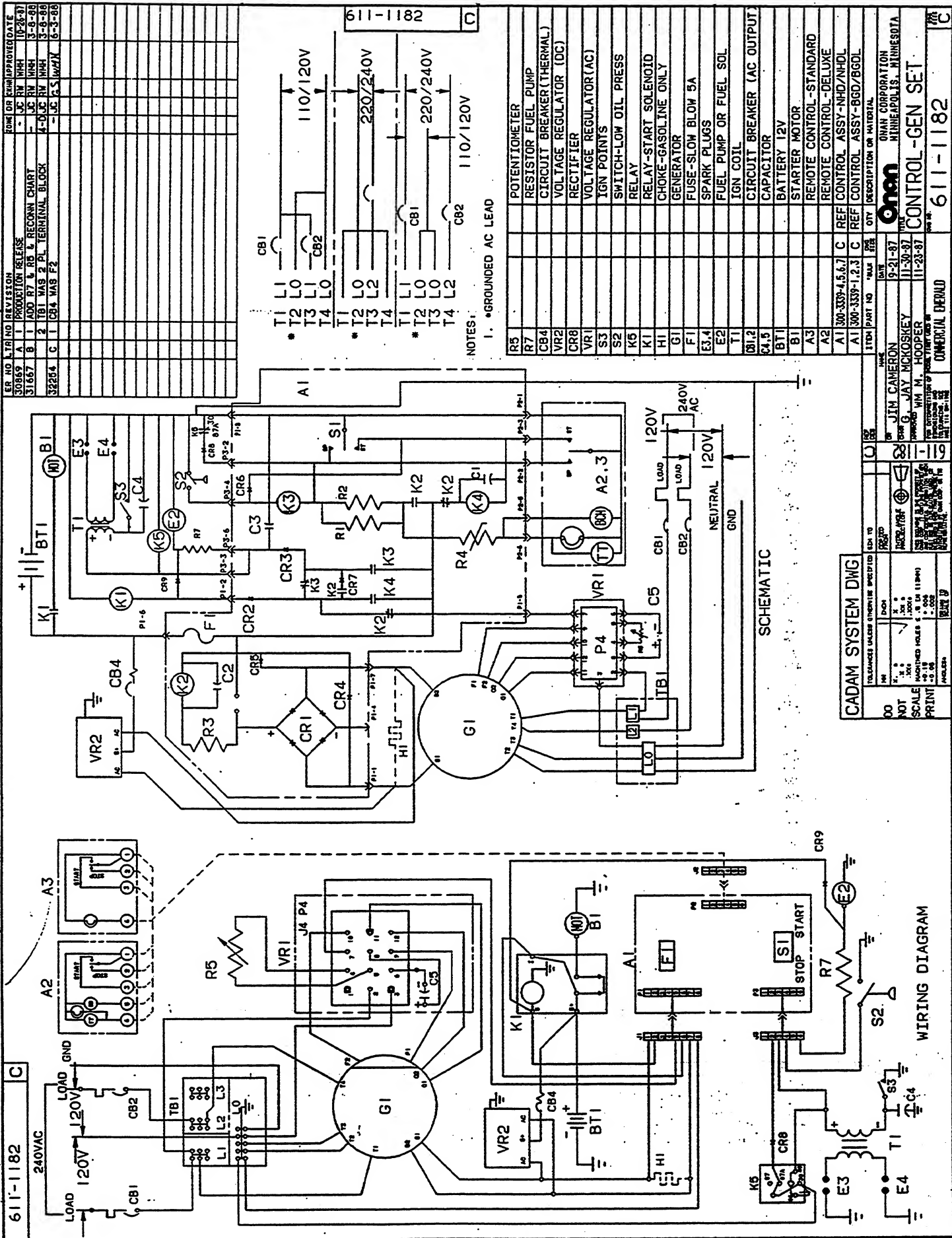
120V 240V

* GROUND
AC LEAD

Do Not Scale Print	mm	inch	Notes
	1/2	1/2	1
	1/4	1/4	1/2
	1/8	1/8	1/4
	1/16	1/16	1/8
	1/32	1/32	1/16
	1/64	1/64	1/32
	1/128	1/128	1/64
	1/256	1/256	1/128
	1/512	1/512	1/256
	1/1024	1/1024	1/512
	1/2048	1/2048	1/1024
	1/4096	1/4096	1/2048
	1/8192	1/8192	1/4096
	1/16384	1/16384	1/8192
	1/32768	1/32768	1/16384
	1/65536	1/65536	1/32768
	1/131072	1/131072	1/65536
	1/262144	1/262144	1/131072
	1/524288	1/524288	1/262144
	1/1048576	1/1048576	1/524288
	1/2097152	1/2097152	1/1048576
	1/4194304	1/4194304	1/2097152
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[illegible]

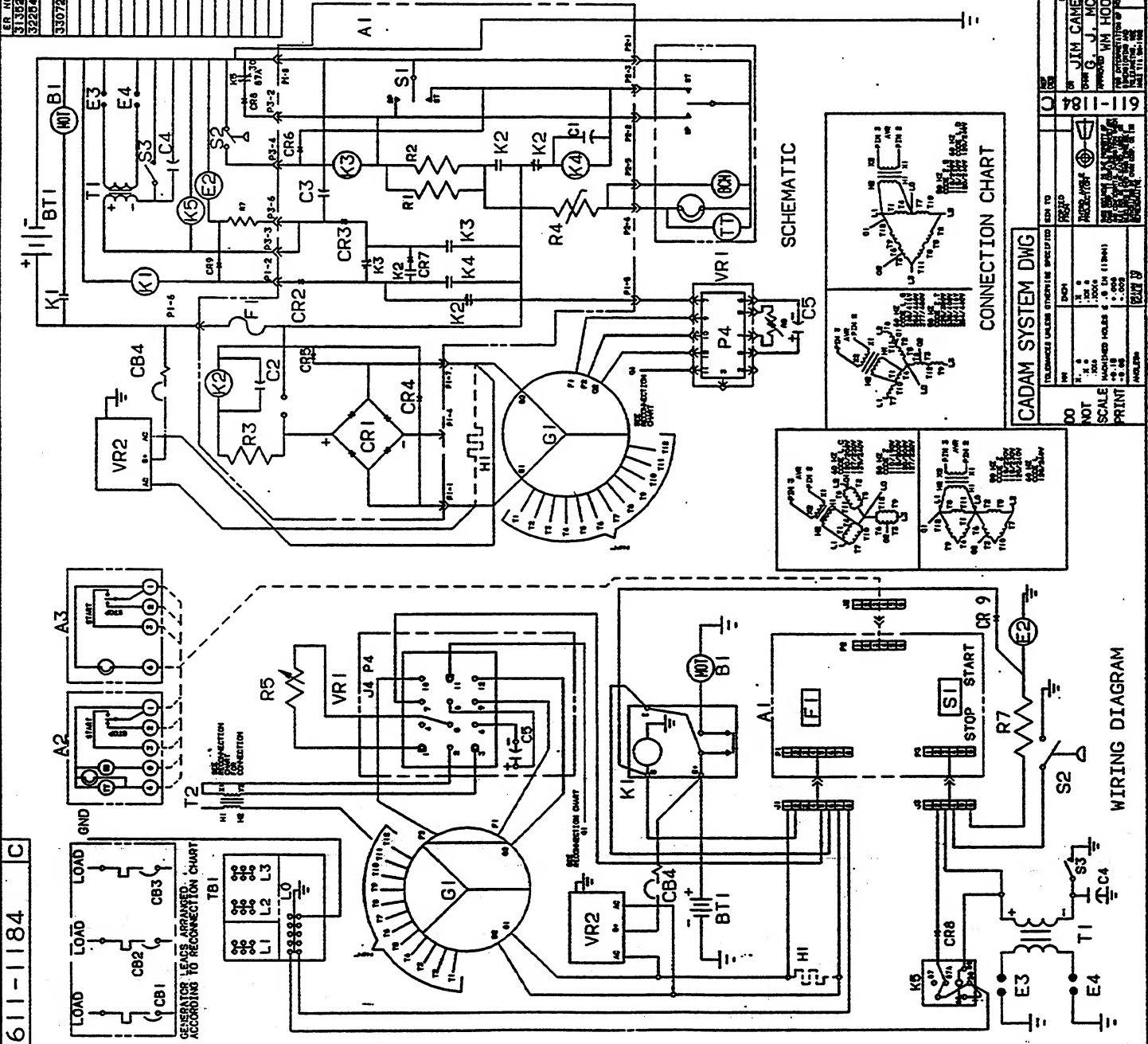




611-1184 C

REV. NO.	DATE	REVISION
31352	A	1 PROMOTION RELEASE
32284	B	1 ADD T2 TRANSFORMER
33072	C	1 J4-1 CONNECTION WAS J4-4
		2 CR6 LEAD WAS TO P2-2, P3-2

611-1184 C



WIRING DIAGRAM

T2	TRANSFORMER VOLTAGE REC
CB4	CIRCUIT BREAKER (THERMAL)
VR2	VOLTAGE REGULATOR (DC)
CR8	RECTIFIER
VR1	VOLTAGE REGULATOR (AC)
S3	IGN POINTS
S2	SWITCH-LOW OIL PRESS
K5	RELAY
K1	RELAY-START SOLENOID
H1	CHOKE-GASOLINE ONLY
F1	GENERATOR
E3,4	FUSE-SLOW BLOW 5A
E2	SPARK PLUGS
T1	FUEL PUMP OR FUEL SOL
CR2,3	IGN COIL
C4,5	CAPACITOR
BT1	BATTERY 12V
A3	STARTER MOTOR
A2	REMOTE CONTROL-STANDARD
A1	REMOTE CONTROL-DELUXE
A1 300-3459-02	C REF CONTROL ASSY-NHD/NHDL
A1 300-3459-01	C REF CONTROL ASSY-BGD/8GDL

Onan

ONAN CORPORATION
MINNEAPOLIS, MINNESOTA

CONTROL-GEN SET

611-1184 C

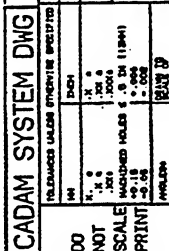
ITEM	DATE	QTY	DESCRIPTION OR MATERIAL
1	1-21-88		JIM CAMERON
2	2-8-88		G. J. MCKOSKEY
3	2-8-88		W. H. HOOPER
4	2-8-88		W. H. HOOPER
5	2-8-88		W. H. HOOPER

CADAM SYSTEM DWG

NOT SCALE

PRINT

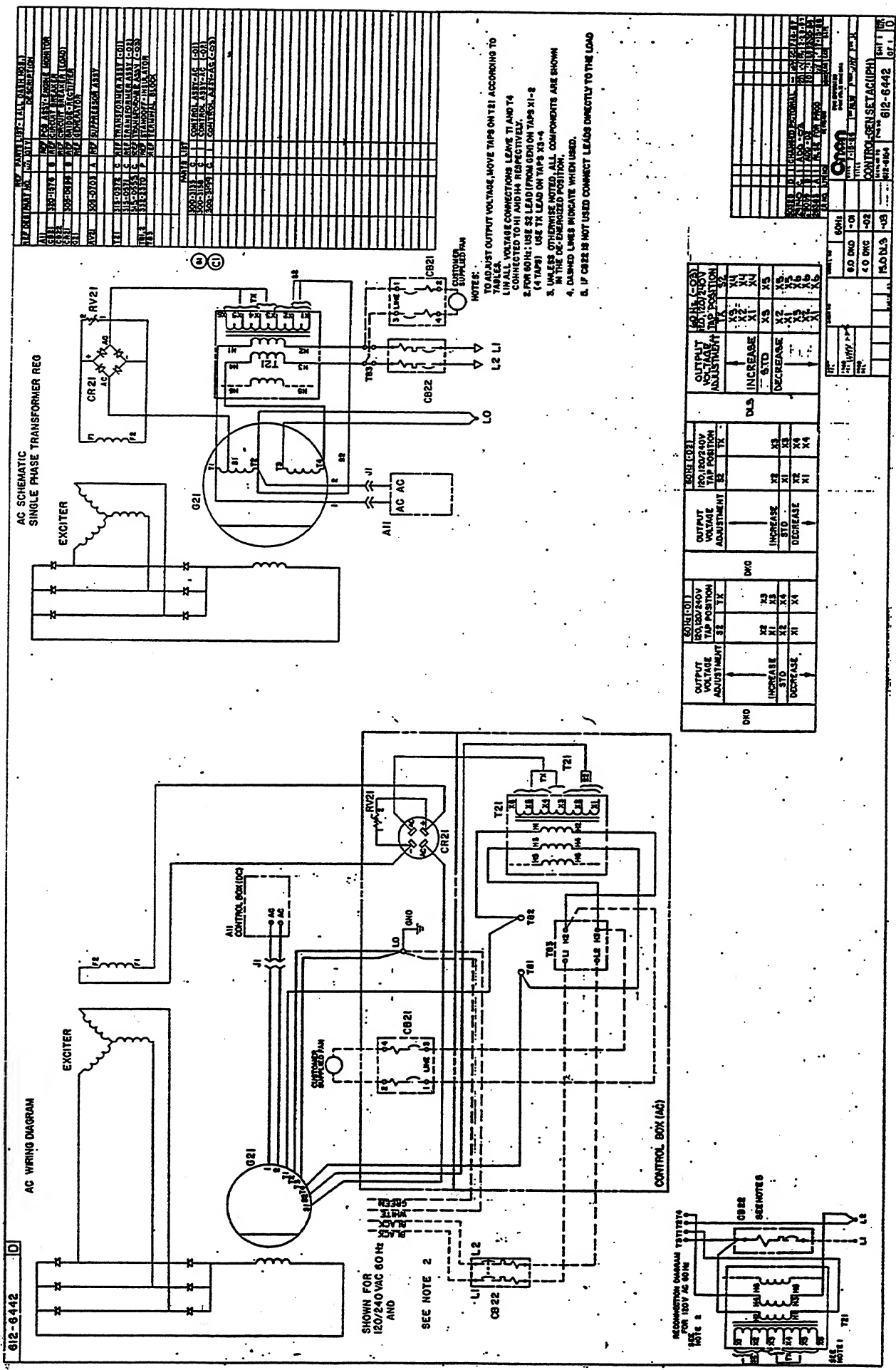
611-1184 C



WIRING DIAGRAM

ALL ELECTRICAL COMPONENTS
ARE DRAWN IN THE DE-ENERGIZED
POSITION.

VRI				VOLTAGE REGULATOR	C
T1				IGN COIL	
S3				IGN MODULE	
S2				SWITCH-LOW OIL PRESSURE	
R7				RESISTOR-FUEL PUMP	
R6				RESISTOR-BATTERY CHARGE	
K6				RELAY-FUEL PUMP	
K5				RELAY-STOP LATCH	
K1				RELAY-START SOLENOID	
H1				CHOKE-GASOLINE ONLY	
G1				GENERATOR	
F2				FUSE-SLOW BLOW 5A	
F1				FUSE-SLOW BLOW 5A	
E4				SOLENOID FUEL VALVE	
E3				FUEL PUMP	
E1,2				SPARK PLUG	
CR10				RECTIFIER-FUEL PUMP POWER	
CR9				RECTIFIER-FUEL PUMP	
CR8				RECTIFIER-STOP LATCH	
B1,2				CIRCUIT BREAKER (AC OUTPUT)	
C4				CAPACITOR	
BT1				BATTERY 12V	
B1				STARTER MOTOR	
A3				REMOTE CONTROL-STANDARD	
A2				REMOTE CONTROL-DELUXE	
A1	300-3590-02	C	REF	CONTROL ASSY-NHM	
A1	300-3590-01	C	REF	CONTROL ASSY-BGM	
ITEM	PART NO	"X"	QTY	DESCRIPTION OF MATERIAL	
DATE					
11-10-88					
ON					
NH					
2-2-74					
7-7-80					
ARQUIS					
11-1-86					
MN					
MINNAPOLIS, MINNESOTA					
CONTROL-GEN SET					
AN					
ONAN CORPORATION					
MINNEAPOLIS, MINNESOTA					

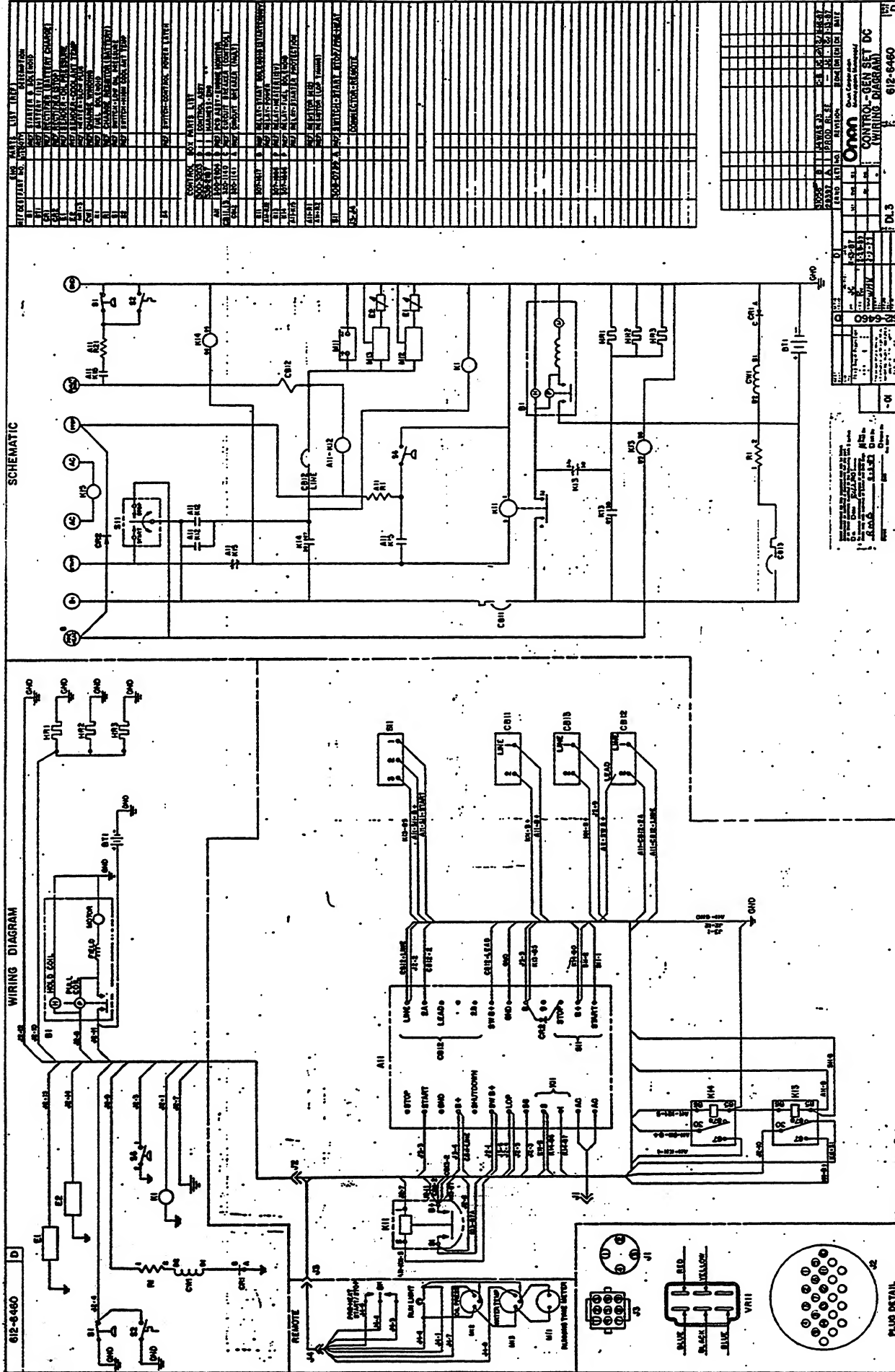


612-6442

SCHEMATIC

WIRING DIAGRAM

612-6460



REVISIONS		DATE		BY		CHK		APP	
1	1	1	1	1	1	1	1	1	1
<p>612-6460</p> <p>CONTROL - GEN SET DC</p> <p>WIRING DIAGRAM</p> <p>612-6460</p>									



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